Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 OCTOBER 3, 1938 Number 14

RECEIVED OCT 3 1938 THE CHEMISTS' CLUB

PHOSPHORUS

(YELLOW)

"AA Quality" Elemental Phosphorus is produced from high-grade pebble phosphate rock by our own electric-furnace method. Large-scale production and ample storage facilities assure prompt service.

Shipped in bulk in tank cars or drums; also supplied in cakes cast in various shapes, weighing approximately 1 to 3 lbs. each, as desired.

"AA QUALITY" CHEMICAL PRODUCTS

Monocalcium Phosphate	Carbonate of Ammonia	Sulphuric Acid
Dicalcium Phosphate	Bone Black Pigments	Gelatins
Disodium Phosphate	Sodium Silicofluoride	Phosphorus
Trisodium Phosphate	Sod. Acid Pyro Phosphate	Phosphoric Acid

The AMERICAN AGRICULTURAL CHEMICAL Co.

50 Church Street, New York

33 Offices in Principal Cities in U. S., Cuba and Canada

Established 1880

WM. S. GRAY & CO.

342 MADISON AVENUE

NEW YORK CITY

Cable Address: Graylime

Phone: VAnderbilt 3-0500

U. S. P.

FORMALDEHYDE

40% by Volume

Sodium Tungstate

Sodium Molybdate

PRIOR CHEMICAL CORPORATION

420 LEXINGTON AVENUE, NEW YORK

PHONE: Mohawk 4-9811 TELETYPE: NY-1-2054 CABLE: Priorchem, New York

Selling Agents for

Molybdenum Corporation of America

NOW

Du Pont pure synthetic

NORMAL PROPYL ALCOHOL

in commercial quantities

Write for samples and complete information

DU PONT

E. I. DU PONT DE NEMOURS & CO., INC.
AMMONIA DEPT. WILMINGTON, DEL.

SPECIFICATIONS:

Distillation Range, A. S. T. M.: Not more than 1.0° C. from first drop to dry and shall include the true boiling point of normal propanol, 97.3° C.

Specific Gravity: 15.6°/15.6°C. — 0.8075 to 0.8088.

Color: Water white. (Color not darker than that of a solution of 0.003 grams potassium dichromate in a liter of water.)

Odor: Pleasant; alcohol-like; characteristic.

Reaction: Shall not be alkaline to phenolphthalein or acid to methyl orange.

Solubility in 85% H_2SO_4: Completely soluble.

Solubility in Water: Completely soluble.

USES:

Du Pont pure, synthetic Normal Propyl Alcohol is admirably suited for use in the manufacture of intermediates, organic chemicals, lacquers, cosmetics, perfumes, dental lotions and washes, fulminates, polishes, and dry cleaners. It is an excellent solvent for resins, waxes, and pharmaceuticals.

Guaranteed 99½% to 100% Pure

BORAX

BORIC ACID

Refined and U. S. P.

» Crystal » Granulated » Powdered » Impalpable »

» Calcined Borax Glass » Manganese Borate » Anhydrous Ammonium Borate »

Samples on request

PACIFIC COAST BORAX COMPANY

Dept. Q

51 Madison Avenue, New York

CHICAGO LOS ANGELES

New Aldehydes for Synthesis

. . . Having the widest range of reactivity of any class of organic chemicals, aldehydes are important building blocks in industrial syntheses. They are easily oxidized to acids, reduced to alcohols, and readily undergo a host of addition and condensation reactions to form acetals, cyanhydrins, dioxolanes, imines, oximes, and hydrazones. They react with themselves to form esters, aldols, and polymers. They are useful raw materials in the manufacture of a large variety of products, such as rubber accelerators, perfumes, certain pharmaceuticals, and synthetic resins.

2-ETHYL BUTYRALDEHYDE

$(C_2H_5)_2CHCHO$

. . . also known as Diethyl Acetaldehyde . . . is a water-insoluble, colorless liquid boiling at 116°C. It shows particular promise in the preparation of certain pharmaceuticals, rubber accelerators, and synthetic resins. It can be used in the synthesis of nitriles, hydroxy acids, acetals, and a host of other organic products.

n-BUTYRALDEHYDE

$CH_3CH_2CH_2CHO$

. . . a water-white liquid boiling at 75.4°C . . . has a characteristic, pungent odor. Its solubility in water is limited, being 7.1 per cent by weight at 20°C. It enters into chemical reactions in the same manner as other aldehydes. Industrially, it is the most important of the higher aldehydes and forms excellent rubber accelerators when reacted with aryl amines.

n-HEXALDEHYDE

$CH_3(CH_2)_4CHO$

. . . a colorless liquid possessing a sharp, aldehyde odor . . . has a boiling point of 129.0°C. The six carbon atoms in a straight chain are of interest in many syntheses. Substitution reactions with halogens, reduction with hydrogen, together with its other typical aldehyde reactions, make it a valuable starting point in the manufacture of plasticizers, rubber chemicals, dyes, synthetic resins, and insecticides.

OCTALDEHYDE

$CH_3(CH_2)_3CH(C_2H_5)CHO$

. . . also called 2-Ethylhexanal . . . is a colorless, high-boiling (163.4°C) aldehyde having a rather mild, characteristic odor. Like other aldehydes of higher carbon content, it shows promise in the blending of perfumes. It is only slightly soluble in water but is miscible with most of the common organic solvents. Its derivatives are more soluble in hydrocarbons than those made from lower aldehydes.

2-ETHYL 3-PROPYL ACROLEIN

$CH_3CH_2CH_2CH{=}C(C_2H_5)CHO$

. . . a yellow liquid boiling at 175.6°C . . . has a powerful odor, which suggests its use in warning agents, insecticides, and leak detectors. Occasionally referred to as 2-Ethylhexenal, this unsaturated octaldehyde, containing a reactive double bond, will polymerize to substances of higher molecular weight. These properties are of interest in many syntheses.

Information on these new chemicals will be furnished gladly.

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

UCC

30 East 42nd Street, New York, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 134 | OCTOBER 3, 1938 | Number 14

RECEIVED OCT 3 1938 LIBRARY THE DRUGGISTS' CLUB

Distribution Parley Discusses Problems Affecting Buying

Boston, Sept. 26, 1938

Problems affecting distribution in Europe and the United States were analyzed and discussed at the tenth annual Boston Conference on Distribution, held in the Statler hotel, September 24 to 26. P. A. O'Connell, general chairman of the conference, and president of the E. T. Slattery Company, devoted all of his opening address to a plea that business men of all nations work for peace. He declared that where governments find it hard to agree, business itself can provide the way to better international understanding.

When a fair adjustment of trade barriers are made there will be a proper exchange of goods and services both ways across the borders of nations, Thomas J. Watson, president of the international Chamber of Commerce, told the conference in an address broadcast from Bucharest, Rumania. Mr. Watson, who is president of the International Business Machine Company, was of the opinion that good management and good advertising will solve the distribution problem. He urged a policy of international thinking, holding that all nations are interdependent.

Eliot Wadsworth, president of the Boston Chamber of Commerce and chairman of the American section of the International Chamber of Commerce, and Lord Barnby, chairman of the Board of Simpsons, Ltd., London, and former president of the Federation of British Industries, also briefly described the importance of world trade.

Price Policies

In formulating a price policy consideration should be given to how the proposed policy will work under various new conditions that may arise, Melvin T. Copeland, professor of marketing in the Harvard Graduate School of Business Administration, declared in an address on "Price Policies in a Changing World." Professor Copeland was of the opinion that up to the present time, despite an occasional temporary hindrance, the forces of change have been more powerful than the schemes which have been launched against them.

He described a multiplicity of influences continually at work to necessitate price readjustment. He pointed to the general inclination of business to foster and accelerate a change by improvements and innovations, but he said that a fight is constantly made against making the readjustments which those changes necessitate. He illustrated his point by relating the history of the broadening in production operations during the World War; and, yet, he added, upon the cessation of hostilities, producers began to make further changes in their technological methods, with the hope of reducing costs and strengthening their competitive position. As a result of these revolutionary developments in production facilities, the prices of most raw commodities began to weaken about 1925, collapsed in 1929, and, he added, they are still under heavy pressure.

During the last fifteen years all over the world, Professor Copeland said, groups of producers and governmental agencies have been striving to offset the demoralizing effects of these revolutionary changes on prices. Committees, cartels, and other schemes have been organized for restricting production. Many governments also have taken a hand, he added. And, he said, import tariffs have been raised in many countries and other trade barriers have been set up—all in an effort to dodge the effects of the raw commodity revolution on prices. Then in the United States, he remarked, the abortive experiment of devaluing the dollar in an effort to boost commodity prices back to the 1926 scale. He was of the opinion that the most common result of all these efforts to combat the decline in raw commodity prices has been to make matters worse.

The enlistment of governmental aid, Professor Copeland said, has not been limited, however, to raw commodity producers. The late-lamented N.R.A. embodied many schemes for freezing prices and terms of sale for manufactured goods, so that producers and distributors might not have to endure painful readjustments to new conditions, he said. The more recently enacted fair trade laws, to permit legally the maintenance of resale prices, could be justified as a means of preventing an

—*Continued on page* 32

N.W.D.A. Starts Expansion of Fact-Finding Activities

White Sulphur Springs, Sept. 29, 1938

Expansion of its fact-finding researches was inaugurated by the National Wholesale Druggists Association by a decision today to employ experts to assist in the work of the several standing committees of the association.

The association, which closed its sixty-fourth annual meeting here today, also took action with the following purposes:—

The exertion, in cooperation with other divisions of the drug industry, of strong efforts for the enactment of uniform State food, drug and cosmetic laws paralleling the Federal acts.

Endorsement of the policies of manufacturers directed to the stabilization of price conditions in the distribution of their products, and urging other manufacturers to do likewise.

Endorsement of the continuation and expansion of research in the cost of distribution of drug-trade goods.

These actions by the association were taken in the approval of a report by C. C. Caruso, as chairman of a special committee, to which had been referred a composite report on the activities of the association. An innovation was introduced this year in that the reports of most of the standing committees, instead of being read to the convention, were distributed in printed form in advance, and the summaries of the activities reviewed, together with the action of the board of control on the several committee reports, were presented in a composite report by E. L. Newcomb, executive vice-president and secretary.

Another innovation was the reception of delegates from other trade associations at a luncheon, instead of at one of the business sessions.

J. Mahlon Buck
N.W.D.A. 1938 President

President's Address

President J. Mahlon Buck omitted from his official address the usual reviews of association activities, these being covered in the committee reports. He devoted his address to economic conditions and practices in the drug trade.

Particular attention was given to the credit services of the wholesale druggist, and Mr. Buck, commenting on the fact that business failures cost N.W.D.A. members between $2,000,000 and $3,000,000, urged further consideration of the wisdom of no longer "kidding themselves," but recognizing that, while the extension of credit was a wholesaler's proper function, the supplying of capital for retail operators was not.

Distribution being performed by men and women, not by robots, Mr. Buck argued that the increasing cost of higher wages must be recognized in the allowance of adequate compensation for the services of distributors. He took his stand for the maintenance of retail prices at profitable levels, but urged the desirability of similar treatment for wholesalers.

To make the distribution of drug-trade articles more efficient, Mr. Buck recommended that wholesalers employ field supervisors to sell goods through their retailer customers, urging the selection for this role of men who know how to conduct a retail drug store properly in all its aspects.

Two active members were added to the rolls, and twenty-two associate members, and one complimentary member.

—*Continued on page 48*

Drug Law Regulations Ready in Ten Days

OPD Washington Bureau
September 29, 1938

General regulations under the new food, drug, and cosmetic act are being completed by the Food and Drug Administration of the Department of Agriculture, and probably will be ready for publication within a week or ten days. A public hearing will be scheduled for some time in November, at which suggestions for changes will be considered.

The regulations will cover all sections of the new act which go into effect next June and which depend on regulations for their effectiveness. They will not cover such subjects as food standards, certification of colors, and certain specific provisions which remain ineffective until definite findings have been made by the department. Separate regulations covering these matters will be issued later.

Research Institute Hears Laboratory Personnel Data

Industry is definitely turning to the research laboratory, Robert B. Colgate, vice-president in charge of research for the Colgate-Palmolive-Peet Company, told members and guests at the Fall meeting of the Industrial Research Institute held recently in the Westchester Country Club, Rye, N. Y. Management everywhere is striving for the best in laboratory man-power and equipment, and research executives are paying more attention to human engineering factors in the administration of research, he said. Mr. Colgate presided as chairman of the executive committee of the institute.

The gathering also heard preliminary reports on two vital factors of industrial research, namely studies of laboratory organization set-up, and studies of the personnel of the research laboratory. It is expected that the results of the surveys, which are currently being conducted, will be completely for presentation before the Winter meeting of the institute.

Drug Industry Dinner To Honor Dr. Anderson

Dr. William C. Anderson, dean emeritus of the Brooklyn College of Pharmacy, will be the guest of honor at a dinner to be given by the drug industry in the Waldorf-Astoria hotel, this city, October 29. The dinner will be given for the benefit of the New York Pharmaceutical pavilion for care of tuberculous at the Los Angeles Sanatorium.

N.Y. Trade Board to Hear Sen. O'Mahoney Oct. 11

United States Senator Joseph C. O'Mahoney, chairman of the monopoly investigation committee, will be the guest speaker before the meeting of the New York Board of Trade, to be held October 11 in the Hotel Astor, at 12:15 p. m. Senator O'Mahoney's address will be broadcast over the network of the National Broadcasting Company.

Drug, chemical and cosmetic show will be held in Commercial Museum, Philadelphia, November 25 to December 2.

Proprietary Ass'n Fills Committee Vacancies

Boston, Sept. 26, 1938

At a meeting of the executive committee of the Proprietary Association, held in the Biltmore hotel, this city, September 16, W. W. White, president of the Emerson Drug Company, was selected to fill the unexpired term on the executive committee of the late J. Edward Murray, who had been the head of the Emerson Drug Company, Baltimore. Mr. White is president of the Citro Chemical Company, Maywood, N. J., an affiliate of the Emerson Drug Company.

H. H. Hoyt, of Carter Products, Inc., New York, was selected to fill the unexpired term of Frank Hall, of the Murine Company, who resigned on account of illness. Fred Rathburn, of the Olive Tablet Company, Columbus, Ohio, has been appointed chairman of the committee on publicity and public relations, to fill the unexpired term of the late Mr. Murray. The executive committee has set the date for the next annual convention as May 15 to 17 in the Biltmore hotel, New York.

Riley Sells Interest In Barium Reduction

The Riley family interest in the stock of the Barium Reduction Corporation, together with that of A. L. Spengler, has been sold. J. B. Pierce, jr., a former vice-president, was the purchaser.

James J. Riley retires as president and Mr. Spengler as vice-president. Their successors will be elected at an early date.

Mr. Riley was formerly in the high explosives business in Canada, but after his plant near Montreal blew up with the loss of 1,000,000 pounds of TNT in the autumn of 1917, he went first to Washington in 1918 and the next year, 1919, reorganized the old Rollin Chemical Company, South Charleston, W. Va., This ultimately became the Barium Reduction Corporation in 1923, and Mr. Riley was its first president. The company is now the leading American maker of barium chemicals.

Mr. Riley will continue to reside in Charleston, W. Va., for the time being.

Closing Market Developments

London Closing Cable

London, Sept. 30, 1938

Quotations on beeswax were 102s 6d per hundredweight.

Casein Prices Easy

Domestic casein prices were easier as the week neared its close. Carload lots were offering at 8¾c. to 9c. per pound for 20-30 mesh and 9¼c. to 9½c. for 80-100 mesh, delivered. This was ¼c. lower than the quotations of the earlier part of the week.

Cottonseed Oil Easier

Refined cottonseed oil futures were easier late in the week on a decline in lard and selling on political developments in Europe. March closed on Friday at 7.95c. and May 8.02c., showing a moderate decline as compared with the final quotations of the previous week. Southern markets for crude oil and other cottonseed products were quiet and steady with offerings light.

Tin Salts Firmer

Tin crystals and soda stannate were fractionally higher later in the week. Tin crystals were quoted at 35c. to 35½c. per pound; soda stannate 30c. to 33c. per pound and anhydrous tetrachloride of tin 22½c. per pound. Straits metal was at 44½c. per pound.

Gasoline Cut in Carolinas

Spot tankcar gasoline prices were cut ½c. per gallon in Wilmington, N. C., and Charleston, S. C., Friday, by leading refiners.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Chemical Improvers:—Uruguay prohibits the importation, manufacture, and use of chemical improvers for flour.

Dynamite:—A tax, not to exceed 13 francs per kilo, was established on dynamite manufactured or imported in Algeria.

Import Quotas:—The Afghanistan government recently promulgated new regulations establishing quota restrictions on imports, and controlling the sale of foreign exchange.

Latvia Parcel-Post:—Letter and parcel-post with dutiable contents, accompanied by postal and custom declarations, are exempt from Latvian certificate of origin requirements.

Superphosphates.—A Netherland Indian government decree has continued in effect until January 18, 1939, the expiring quota restrictions on imports of superphosphate, double superphosphate, and fertilizers not otherwise specified, without change.

Turkish Imports.—All Turkish consuls in the United States are authorized to legalize certificates of origin covering shipments from the United States to Turkey.

Uruguay Imports:—A Uruguayan decree provides that merchandise for which an import permit has been granted must be cleared through the customs within 210 days.

Vegetable Oils.—Standards of grading, packing and labeling have been established for olive oil and other vegetable oils and greases exported from French Morocco.

Warehouse Rebate:—A presidential order grants a reduction of 25 percent of the warehouse fees and charges on all merchandise now in storage in Guatemala which is cleared between August 16 and November 12.

Xylol.—French Indochina has established an import duty of 2.90 francs per 100 kilos on xylol.

Associated Dyeing & Printing Company has deeded its five plants to the Adams Dyeing & Printing Company of New Jersey, under the provisions of a reorganization plan approved by a Federal court.

National Fiber & Dynamite Company, Manila, is reported negotiating with German interests for machinery and equipment for manufacture of dynamite, nitrogen fixation and sulphuric acid, according to the office of the American trade commission in Manila.

Chemical Price Trends Mixed

Although advances were far more numerous than reductions among price changes last week in the markets for heavy and fine chemicals, the latter were the more influential on the general average, and this was reduced. The heaviest influence was that of a reduction in arsenate of lead. The nonferrous metals group showed less strength as a whole.

Demand continued to show some improvement, but the uncertainty of the European political situation was reflected. The movement of materials was again handicapped by the local trucking strike, and the effects of the previous week's hurricane were still felt.

Prices were advanced on Straits tin, tin crystals, tetrachloride of tin, stannate of soda, antimony, subcarbonate, subgallate, and subnitrate of bismuth, quicksilver, sulphate of ammonia, nitrogen solution, potash fertilizer salts, gum and wood rosins, gum turpentine, Singapore dammars, a few Manila copals, mangrove bark, J1 and J2 myrobalans, sumac leaves, ground sumac, valonia beards and cups, domestic dried blood, raw bone, and Japanese sardine meal.

Prices were reduced on arsenate of lead East of the Rockies, completely denatured alcohol, menthol, and aluminum powder and paste.

The REPORTER'S composite index number of prices for heavy and fine chemicals receded to 125.4 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.7, compared with 90.3 at this time last year and 89.0 in 1936.

Contents of This Issue

News and Statistics

A.P.I. Asks Delay on Private Carrier Data 5
Abbott Laboratories Marks Fiftieth Year 27
Atlanta Paint Club Elects T.C. Huguley President 41
Buffalo Paint Club Initial Meeting Well Attended 41
Controllers Institute Hears About Monopoly Study 5
Calco Company Wins Ad Prize 30
Coaltar Freights Changed 30
Chrome Ore Freights Revised 27
Carbide & Carbon Corp. Issues Folder Describing Ketones 46
Distribution Parley Discusses Problems Affecting Buying 3
Drug Law Regulations Ready in Ten Days 3
Drug Industry Dinner to Honor Dr. Anderson 3
Fritzsche Bros. 25-Year Club Augmented by W. Barnes 46
Gasoline Antitrust Case Ruling Is Amended 5
General Dyestuffs Offering Heliogen Green G Paste 30
Gasoline Freights Down 54
Gould Sees Higher Quicksilver Market Soon 46
Herty Foundation Directors Named. 5
Louisville Production Club Addressed by Dr. Ernst 38
London Drug and Oil Data 46
M.C.A. Container Committees to Meet 5
Management Congress Elects Batt.. 5
Mellon Institute to Conduct Research on Watch Technology 27
N.W.D.A. Starts Expansion of Fact-Finding Activities 3
N.Y. Trade Board to Hear Senator O'Mahoney Oct. 11 3
N.P.V.L.A. Fifty-Year Club to Elect Officers 38
Oleomargarin Makers Trade Rules Approved 5
Proprietary Ass'n Executive Committee Vacancies Filled 3
Paint Credit Ass'n Hears Talk on Bankruptcy Law 38
Plastic, Coldwater Paint Calcimine Sales Mixed 38
Paint & Varnish Exchange Hears Complaint Study Data 38
Petroleum Market Status 53
Petroleum Production 54
Portland Paint Club Elects Miller President 41
Pratt & Lambert Salesmen Hold Two-Day Conference 41
Pest Control Ass'n to Meet Oct. 24 to 26 4
Pharmaceutical Research Group Elects W.J. Husa Chairman 46
Paint, Varnish, Lacquer Sales Up.. 47
Quaker Oats Stockholders to Vote on Retirement Plan 44
Research Institute Given Data on Laboratory Personnel 3
Riley Sells Interest in Barium Reduction 3
Reilly Tar Offering Paint for Creosoted Wood Blocks 29
Thompson Buys Borax Claims 48
Trade Association Questionnaire Issued by Economic Committee 5
U.S.-Ecuador Trade Pact to Start Oct. 23 5
U.S. Revenue Returns Show Increase in August 21
Vreeland Joins Hilo Varnish 38
White New President of Emerson Drug Company 46

General Features

Advertisers' Index 63
Bids Wanted 31
Chemical Price Trends 4
Classified Advertisements 62
Closing Market Developments 4
Contracts Awarded ..... —
Corporation Earnings 47
Dividends Declared 47
Editorials 22
Foreign Trade Openings 21
Foreign Trade Rules 4
Industrial Uses of Chemicals 61
Obituaries 54
Prices Current 7
Scientific, Professional Services .. 50
Trade News Briefs 21, 30, 38, 47
What You Can Use 30
Where You Can Sell 61

Market Reports

Botanical Drugs, Spices, Gums ... 49
Coaltar Chemicals 28
Drugs and Fine Chemicals 43
Dyestuffs, Textile and Leather Chemicals 31
Essential Oils and Aromatics 51
Fertilizer Materials 55
Heavy Chemicals 24
Oils, Fats and Waxes 39
Paint, Varnish, and Lacquer Materials 34
Petroleum Solvents, Lubricants, Fuels 53

Shipping Information

Cargo Ship Arrivals ..... —
Charters ..... —
Coastwise Shipments 62
Exports 59
Imports 56
Imports Detained ..... —

Oil, Paint and Drug Reporter, Volume 134, No. 14, October 3, 1938. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 59 John Street, New York. Annual subscription price:—United States, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Pest Control Ass'n To Meet Oct. 24 to 26

The National Pest Control Association will hold its sixth annual convention in the Hotel Fontenelle, Omaha, Neb., October 24 to 26. H. K. Steckel, of the Tornado Manufacturig Company, Columbus, Ohio, will deliver an address as president of the association. Committee reports covering legislation, insurance, WPA control projects, contract and agreement forms and on numerous other subjects.

The convention will also feature an exhibition of equipment of the various members of the association, at which clinics will be held dealing with pertinent pest control problems. A wide program of entertainment has been arranged, which will be climaxed Wednesday evening with a banquet, followed by a dance. The business portion of the program includes the following:—

October 24

Morning Session

Address H. K. Steckel, of Tornado Manufacturing Company, Columbus, Ohio, president of the National Pest Control Association:

"The Relationship Between a Building Official and Pest Control Operators," Rodman M. Brown, chief engineer of the building department of the city of Omaha.

"Relation Between Pest Control Operators and the Telephone Company," B. W. Packer, directory manager of the Northwestern Bell Telephone Co.

"The Clinics," Professor J. J. Davis, head of the department of entomology, Purdue University, Lafayette, Indiana.

Afternoon

"Fumigation Methods," Dr. Richard T. Cotton, Senior Entomologist, Bureau of Entomology and Plant Quarantine, Manhattan, Kansas.

"The Dangers from Hydrocyanic Acid Gas Absorbed in Bedding and Other Packed and Overstuffed Materials," Dr. C. L. Williams, Foreign Quarantine Division, United States Public Health Service, Washington.

Fumigation Clinic

Cyanegg and the Generator—R. O. Humphrey of E. I. duPont de Nemours & Co., Wilmington.

Discoids and Cyanogas—Dr. George H. Chapman and M. F. Canle, of the American Cyanamid & Chemical Corporation, New York.

Proxate—R. M. Jones, of the Liquid Carbonic Corporation.

Chloropicrin—C. C. Johnson, of Innis, Speiden & Co., New York.

Carboxide—E. P. Collins, of the Carbide & Carbon Chemicals Corporation, New York.

"House Fumigation with Methyl Bromide," Dr. F. L. Campbell, associate professor of entomology, Ohio State University.

October 25

Morning Session

Pests and Pest Control Problems—Discussion:—Prof. J. J. Davis, presiding.

"Co-operation Between Pest Control Operators of the United States Bureau of Biological Survey," Ira N. Gabrielson, chief of the Bureau of Biological Survey, U. S. Department of Agriculture, Washington.

"County-wide Rat Campaigns," G. C. Oderkirk, assistant biologist, Bureau of Biological Survey, Lafayette, Indiana.

"Biological Studies and Their Relation to Rat Control Problems," F. E. Garlough, of the Bureau of Biological Survey, U. S. Department of Agriculture, Denver, Colorado.

"Trends in Pest Control with Special Reference to Rotenone Derivatives," Dr. H. E. Whitmire, the Whitmire Research Corporation, St. Louis, Mo.

"Bedbug Problems," Dr. W. P. Flint, chief entomologist of the Illinois Natural History Survey and Illinois Agricultural Experiment Station.

"Clothes Moths and Carpet Beetles," Dr. E. A. Back, senior entomologist, Bureau of Entomology and Plant Quarantine, Washington, D. C.

"Roaches," Dr. Roger C. Smith, professor of entomology, Kansas State College, Manhattan, Kansas.

"Biology and Control Studies on Cockroaches During the Past Year," Professor J. J. Davis.

Afternoon

"Wood Preservatives and Their Uses," George M. Hunt, U. S. Forest Laboratories, Madison, Wisconsin.

"Progress in Research on Termites and Termite Control During 1938," Dr. Thomas E. Snyder, senior entomologist, Bureau of Entomology and Plant Quarantine, Department of Agriculture, New Orleans.

Termite Clinic, W. B. Hill, Knox-Ant Corp., Memphis, Tenn., Chairman.

Industry Problems, George R. Elliott, Chairman.

Snuff production in 1937 amounted to 37,166,747 pounds, with a value of $29,224,055, according to the Bureau of Census.

Oleomargarin Makers Trade Rules Approved

OPD Washington Bureau
September 27, 1938

Trade practice rules for the oleomargarin manufacturing industry have been promulgated by the Federal Trade Commission under its trade practice conference procedure. In the course of the proceedings an industry's conference was held in Chicago recently, under the commission's auspices, and proposed trade rules were submitted by members of the industry.

Group I of the trade rules covers misrepresentation of the industry products by misleading advertising; misbranding; substitution of products not conforming to specifications; misrepresentation as to milk content; misrepresentation as to fat content; compliance with state and Federal specification requirements; commercial bribery, for the purpose of preventing consumers from contracting to deal with competitors; unlawful interference with raw material purchases; defamation of competitors and disparagement of their products; false invoicing; inducing break of contract; enticing away employees of competitors; consignment selling; publication of misleading price quotations; selling below cost; offering loss leaders; prohibited discriminatory prices, rebates, refunds, discounts, credits, etc.

Group II deals with the keeping of accurate records for determining costs; repudiation of contracts; and promotion of use of American agricultural products.

Controllers Institute Hears About Monopoly Study

Roscoe Seybold, vice-president and controller of the Westinghouse Electric and Manufacturing Company, Pittsburgh, was elected president of the Controllers Institute of America at its seventh annual convention in the Waldorf-Astoria, this city, September 26 and 27. The institute also elected five new vice-presidents: V. L. Elliott, of the Atlantic Refining Company, Philadelphia; F. G. Hamrick, of the American Smelting and Refining Company, New York; Oscar N. Lindahl, of the Universal Atlas Cement Company, Chicago; Edward V. Mills, of the Fireman's Fund Insurance Company, San Francisco, and Leroy V. Porter, of the New York Central Railroad, New York. O. W. Brewer, of the American Gas Association was elected treasurer, and Arthur R. Tucker named managing director.

The business sessions of the convention consisted of a number of discussions on pertinent topics. Richard T. Patterson, jr., Assistant Secretary of Commerce of the United States, was among the speakers. Mr. Patterson, in his address, asked for increased cooperation between business and government and discussed the Temporary Economic Committee. He said that the purpose of the committee was not strictly one of investigation, but rather for an inventory-taking of American business. Regarding the committee he said:

> A study of monopoly is only part of its job. We are pausing to take stock of our business machinery—to see how it is put together and what makes the wheels turn. This study will not be confined to business practices alone. Governmental controls affecting business must likewise be scrutinized. Tax legislation, anti-trust laws, and other public measures must be studied with respect to their influence on our economic activity. Business and Government share a joint responsibility in serving the needs of our people.
>
> In a study of the different types of situations under which the individual business man operates, it seems inescapable that some restrictive industrial practices will be uncovered. Since these practices are set in motion by individual companies, there is likely to be, in fact almost certain to be, some element of exposure. Regardless of how impartially the inquiry is conducted, we cannot avoid a sensational treatment of such findings by those who are so inclined. And naturally this kind of treatment will be disturbing to business.

He continued with the statement that it was essential for business to make sure that the public does not form its opinions from sensational headlines. This danger could be avoided, he said, if business will take the initiative in making an inventory of its policies and practices, interpret them to the public, and so overcome the confusion resulting from sensational news items.

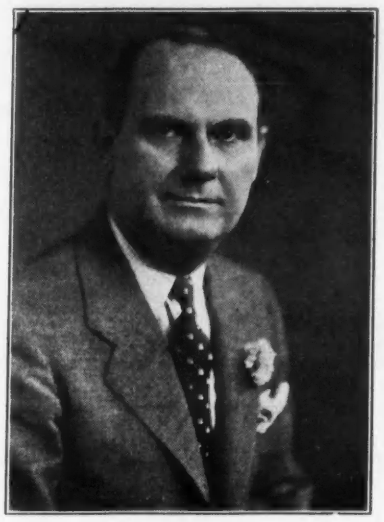
U.S.-Ecuador Trade Pact Starts Oct. 23

OPD Washington Bureau
September 26, 1938

The reciprocal trade agreement between the United States and Ecuador will become effective October 23, 1938, it was announced today in a proclamation issued by the White House. Details of duty changes contained in the agreement were published in the REPORTER, August 22.

Management Congress Elects Batt President

William L. Batt, president of SKF Industries, Philadelphia, was elected president of the International Committee for Scientific Management at the closing session of the seventh management congress, held September 19 to 23. Mr. Batt is the first American to receive this honor, and he succeeds Viscount Leverhulme, head of the Uni-



William L. Batt

levers, Ltd., England. He will serve until 1941, the year in which the next triennial congress is scheduled to be held in Stockholm, Sweden.

Mr. Batt was born in Salem, Ind., and graduated from Purdue University, received his M.E. degree from Purdue University in 1907, and that university honored him in 1933 with a doctorate. He is active in the National Association of Manufacturers and in the National Industrial Conference Board.

Other officers elected to serve until 1941 are:—

Deputy president, V. Lundvik, of Sweden, directing manager of the Federation of Swedish Industries; vice-presidents, L. H. Ferasson, of France, former president of the French Committee for Scientific Management; Thomas R. Jones, president of the American Type Founders Corporation, Elizabeth, N. J.; Viscount Leverhulme, Professor Theodore Limperg, professor of business administration at the University of Amsterdam, the Netherlands; Dr. F. Mauro, Italy, the first president of the International Committee for Scientific Management, and George Seebauer, Germany, director of the German Board of Efficiency.

Gasoline Antitrust Case Ruling Is Amended

Madison, Wis., Sept. 27, 1938

Federal Judge Patrick T. Stone denied the demand of government counsel that he rescind his order dismissing ten prominent figures in the oil industry after a jury found them guilty of a gasoline price-fixing conspiracy in violation of anti-trust laws. Judge Stone contended that the procedure adopted by the court, and complained of by the government, was not only sound in principle, but the procedure was fully supported by an abundance of authorities.

Judge Stone, who presided at the four-month trial of major Mid-Western oil companies, studied the records for six months before dismissing one company and ten individuals. The jury, instructed to consider the case of each defendant separately, returned a blanket verdict of guilty last January against sixteen companies and thirty defendants within a few hours after receiving the case.

Trade Association Questionnaire Issued by Economic Committee

The method by which the Temporary National Economic Committee will conduct its survey of trade associations in the United States was explained at a meeting of New York Trade Association Executives, in the Pennsylvania hotel, this city, September 27. The speakers included Dr. Leon Henderson, executive secretary of the committee; Dr. Willard Thorp, special advisor on economic studies of the Department of Commerce, and Calvert Judkins, chief of the trade association section of the marketing research division of the Department of Commerce.

Dr. Henderson related his experiences with the government during the NRA era, and said that the complete picture of the trade association activities in the American industrial life was lacking to government agencies at that time, with the result that many actions on the part of government officials in dealing with industries were interpreted in the wrong light because this lack of information about the relationship of associations to industries. He stated that the theme of the investigation was that of cooperation.

Dr. Henderson explained that there has been a vast growth of the trade association movement since the termination of the World War. He urged the trade association executives not to accept the inquiry as that of a witch-burning type, but rather to co-operate with the committee in this effort to secure a real picture of the business fabric of the country.

He explained that the committee would have the assistance of the various administrative agencies, such as the Securities Exchange Commission, the Federal Trade Commission, the Department of Justice, the Department of Labor, and the Department of Commerce. He pointed out that he would endeavor to avoid overlapping of the work in securing the details necessary for his report, which will be finally written in 1941. And out of this report, he said, the hope was that there would emerge a better understanding of business problems between the government and business.

Dr. Willard Thorp and Calvert Judkins talked along the same lines as Dr. Henderson, assuring their listeners that the questionnaire, which had been sent to the various trade association executives September 27, was not for inquiry purposes, but rather to paint a real picture of the American business structure. Dr. Thorp stated that the questionnaire gave those associations an opportunity to inform the government of its place in the business fabric.

The questionnaire was sent to 2,300 national and interstate trade associations, Mr. Judkins explained. He said that a large portion of the trade associations are centered in New York, Philadelphia and Chicago, and that there would be field men assigned from his department to cover the various areas, in order to assist trade association executives in filling out the questionnaire.

The questionnaire is divided into six parts, part one dealing with the management and affiliations of each association. Part two includes questions on the officers and composition of the membership. Part three, concerned with activities, consists largely of a check list designed to determine the scope of the association's work and the phases of the work receiving particular emphasis. Part four requests information regarding the personnel of the assocociation and outside organizations employed to handle special duties. Part five calls for income and balance sheet data and details concerning dues and assessments.

Part six concludes the schedule with a series of questions which will enable each trade association executive to elaborate on such points as the significant contributions of his association to his industry and important contributions which he feels his association can make in the future. The schedule calls for copies of the constitution and by-laws, publications, annual reports, and a list of members.

On the question of activity, the questionnaire seeks an answer as to whether the interest of the association on the following are of major or minor importance, or of no interest at all.

—*Continued on page* 31

A.P.I. Asks Delay On Private Carrier Data

OPD Washington Bureau
September 29, 1938

In a petition filed with the Interstate Commerce Commission today the American Petroleum Institute asks that privately owned motor trucks be excluded from consideration in the forthcoming hearings on Motor Carrier docket No. 13, the proposed regulations for shipment of explosives and other dangerous articles by truck.

The regulations are proposed primarily for application to common and contract carriers, but in its notice of hearing the Commission asked for testimony on their application to private carriers as well. The institute's petition declares that there is insufficient time to prepare testimony on this point since the final hearing in this docket is scheduled for October 26, and asks that this phase of the matter be separated and considered some time after January 1, 1939, in connection with the pending docket No. 3, which proposes to establish maximum hours of service and standards of equipment for private motor trucks if need is found for this in the interests of highway safety.

Earlier this week the Commission issued an order postponing the effective date of docket No. 2, fixing maximum hours of service for employees of common and contract motor carriers. These regulations were to have become effective October 1, but because of many protests the effective date has been extended to December 31, and the docket reopened for further hearings at Chicago on November 4.

Herty Laboratory Directors Are Named

Frank deC. Heyward, jr., has been appointed field director and Dr. Charles H. Carpenter, technical director of the Herty Foundation Laboratory, Savannah, Ga., to continue the research in pulp and paper products development which had been carried on by the late Dr. Charles H. Herty.

Mr. Heyward is a graduate of the Georgia School of Technology, and the University of Michigan, and received his master's degree from the University of California. He was named Georgia State forester in May, 1937, prior to which he had done forestry work in Florida with the State department there.

Dr. Carpenter received his early education in the city of his birth, Newark, N. J. Subsequently he graduated from the New York State College of Forestry, receiving his bachelor of science degree in 1929 and his master's in 1931. He next attended the Darmstadt Technische Hochschule, in Darmstadt, Germany, and then the Institute of Paper Chemistry, Appleton, Wis., In 1934 he joined the Carnegie Institute of Technology for research in cellulose. He was named chief chemist of the Herty Foundation Laboratory in August, 1936, and in January, 1938, made its assistant director.

Bureau of Mines has been testing a new type of rock-dust barrier devised to prevent or limit dust explosions in coal mines.

M.C.A. Container Committees Meet Oct. 3-7

OPD Washington Bureau
September 29, 1938

The four container committees of the Manufacturing Chemists Association will hold meetings next week in the Hotel Haddon Hall, Atlantic City, N. J., it was announced today by Warren N. Watson, secretary.

The tankcar committee will meet October 3; the carboy committee, October 5; the poisonous articles and miscellaneous packages committee, October 6; and the steel barrels and drums committee, October 7. October 4 there will be a joint meeting of all four committees to discuss the proposed regulations for the shipment of dangerous articles by motor truck recently issued by the Interstate Commerce Commission.

This single trip drum which is included in the price of Mallinckrodt Ether U. S. P. and Concentrated now contains an even 30 lbs.

Naturally
the QUALITY of the Anesthetic Grade is REFLECTED in MALLINCKRODT ETHER for INDUSTRIAL USES

THE name of Mallinckrodt has long been identified with pioneer developments in the field of anesthetic ether. It is only natural that the quality which has always predominated in the manufacture of Mallinckrodt Anesthetic Ether should also be reflected in the quality of other M.C.W. grades of ether.

Whatever Your Ether Needs Are, There Is An M.C.W. Grade Made To Suit You

U. S. P. XI—Medicinal
ANESTHESIA—Medicinal
CONCENTRATED—Solvent
MOTOR—Priming fuel for cold motors
PURIFIED—Fat extractions, general solvent
A. R. (ACS)—Laboratory reagent
Anhydrous A. R. (ACS)—Solvent, extracting agent, reaction medium. Unusually dry grade of ether, water limit 0.01%

Mallinckrodt Monthly Chemical Price List on Request
Address St. Louis or New York

Mark your calendar for Friday and Saturday, October 21 and 22, 1938, to attend the Third Annual Meeting and Golf Tournament of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, Inc., at Skytop Lodge, Skytop, Pa.

Mallinckrodt
CHEMICAL WORKS
CHICAGO PHILADELPHIA MONTREAL TORONTO
2nd and Mallinckrodt Sts., St. Louis, Mo.
72 Gold St., New York, N. Y.

RECEIVED OCT 3 1938 LIBRARY THE DRUGGISTS' CLUB

Current Market Quotations

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)

Acetal, dms., dlvd.....lb. .75 - 1.00

Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd.....lb. .16 - —

Acetamide, CP, kgs., 1,000 lb. lots, dlvd..lb. .44 - —
tech., kgs, 1,000 lb. lots, dlvd. lb. .39 - —

Acetanilide, tech., 95%, bbls..lb. .29 Nom.

Acetanilide, USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .35 - —
kgs, 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —

Acetoacetanilide, dms.....lb. .65 - .70

Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —

Methyl (see M)

Acetophenone, bots.....lb. 1.30 - 1.45
cms., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —

Acetophenetidin, bbls., kegs, 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —

Acid, abietic, dms., c.l.....lb. .08¾- —
l.c.l. .....lb. .09 - .12

Acetic, coml, or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs. 14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs. 10.25 -10.50
cbys. .....100 lbs. 10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.68 - 9.18
USP, al. dms.....100 lbs. 10.25 -10.50
cbys. .....100 lbs. 10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities: the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10¼- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13

Acetylsalicylic, USP, bbls., 200 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —

Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —

Arsenous, tech. (see Arsenic, White).

Ascorbic, USP, powd., dms., kegs...lb. .22 - .26
bots., dms.....oz. 3.00 - 3.25

Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
aks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
aks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00

U.S.P., $25 per ton higher.

Broenner's, bbls.....lb. 1.11 - —

Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Camphoric. cns.....lb. 5.50 - 5.70

Capric, dms.....lb. .12 - .12½

Capsoic, cns.....lb. 2.20 - —

Carbolic (see Phenol).

Castor oil, split, dms.....lb. .17¼- .18

Chinawood oil, dms.....lb. .16 Nom.

Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —

Chromic, 99%, dms., delvd. N. Y..lb. .15½- .17¼

Cinnamic, refd., bots.....lb. 2.85 - 3.25

Citric, cryst., gran., bbls., car lots..lb. .22 - —
10,000 lb., lots, one shipt., lb. .22½- —
smaller lots .....lb. .23 - —
bags .....lb. .23½- —

Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .25 - —
smaller lots .....lb. .25½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¾- .09¼
Cottonseed oil, dist., dms....lb. .06¾- .07¼
tanks .....lb. .06¼- —
Cresylic, high-boil, dom., c.l., works, frt. equaled..gal. .73 - —
l.c.l., same basis.....gal. .74 - —
low-boil, dms., c.l., works frt. equaled..gal. .78 - —
l.c.l., same basis.....lb. .80 - —
imported, pale, dms.....gal. .65 - .86½
dark, dms. .....gal. .60 - —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1246
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hempseed oil, dms.....lb. .1180- .1235
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10¼- .11½
plastic grade .....lb. .12¼- .13½
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12½
plastic grade.....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .23
1 to 4 bbls., cbys.....lb. .21½- .23½
USP, XI, 85% cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls. .....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1090- .1140
extra white, dist., dms....lb. .12½- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., l.c.l.....lb. .33 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280, dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —

Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.95 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22¼- —
consumers, cbys.....lb. .13 - —
71b. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14½
Phenylacetic, bots. .....lb. 1.75 - 2.00
Phosphoric, tech., 50%, cbys.lb. .09 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst, cns.....lb. 1.45 - 1.65
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .25 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11⅛
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11⅜
triple pressed, bgs., dlvd.lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16¼- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.60 - 2.85
tech., kgs., works.....lb. 1.65 - 1.75
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz. 17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz. 30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .85 - .90
2, bls. .....lb. .80 - .85
3, bls. .....lb. .65 - .66
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .15 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
lots..lb. .88 - —
smaller lots, same basis, lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., cryst., bbls., lb. .78 - .80
dom., pwd., dms., bbls., lb. .83 - .85
import, cs.....lb. .78 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l. frt. alld..lb. .116 - —
l.c.l., frt. alld.....lb. .126 - —
tanks, frt. alld.....lb. .106 - —
Benzyl, cans.....lb. .62 - —
drums .....lb. .62 - —

Acacia—Alum

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
Import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots. .....lb. 2.00 - 2.50
Denatured, CD14, dms., c.l., works, E..gal. .31 - —
l.c.l., works, dms., to jobbers..gal. .34 - —
works, dms., to dealers and industrial accounts, gal. .36 - —
tanks, E., works.....gal. .23 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .30 - —
19 bbls., E. works...gal. .32 - —
1 to 18 bbls., E. works, gal. .35 - —
dms., c.l., E. works....gal. .29 - —
19 dms., E. works...gal. .31 - —
1 to 18 dms., E. works, gal. .34 - —
tanks, E. works.....gal. .23 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., 19 dms. .....gal. .35½- —
1 to 18 dms.....gal. .38½- —
tanks .....gal. .27½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E., works..gal. .30 - —
20 dms., E. works...gal. .32 - —
1 to 19 dms., E. works, gal. .35 - —
tanks, E. works.....gal. .24 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd. .....lb. .10½- —
tech., contract, dms., c.l., frt. alld..lb. .10½- —
L.c.l., frt. alld.....lb. .11 - —
tanks, dlvd. .....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.56½- —
19 bbls. .....gal. 4.58½- —
1 to 18 bbls.....gal. 4.61½- —
dms., c.l. .....gal. 4.55½- —
19 dms. .....gal. 4.57½- —
1 to 18 dms. .....gal. 4.60½- —
tanks .....gal. 4.49½- —
absolute, dms., c.l.....gal. 4.88 - —
19 dms. .....gal. 4.90 - —
1 to 18 dms.....gal. 4.93 - —

Grain alcohol 25c. per gal. higher.

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33.000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld., E. of Rockies..lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .38½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .40 - .42
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .20 - .22
Curacao, cs.....lb. .35 - .37
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - —
100-lb. kgs.....lb. 2.67 - —
25-lb. fib. dms.....lb. 2.74 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bbls....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y. Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - —
dlvd. N. Y., Phila...100 lbs. 3.55 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd., N. Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse

Alum Ammon.—Arsenic, White

Alum, ammonia (cont.):—
deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs.	3.40	-	3.65
dlvd. N.Y., Phila.	100 lbs.	3.40	- —
lump, bbls., works	100 lbs.	3.65	- 3.90
dlvd. N.Y. Phila.	100 lbs.	3.65	- —
powd., bbls., works	100 lbs.	3.80	- 4.05
dlvd. N.Y., Phila.	100 lbs.	3.80	- —
Potash alum prices on same basis as those for ammonia alum.			
Potash-chrome, bbls.	lb.	.06¼-	.06½
Soda, bbls., c.l., works	100 lbs.	3.25	- —
l.c.l., dlvd.	100 lbs.	4.25	- 5.00
Alumina acetate, 25% normal solut., bbls., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd.	lb.	.09	- —
12%, basic solut., bbls., c.l., dlvd.	lb.	.10	- —
l.c.l., dlvd.	lb.	.12	- —
basic powd., bbls., dlvd.	lb.	.40	- —
smaller containers, dlvd.	lb.	.50	- —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works	lb.	.06	- —
12,000 to 40,000 lbs, works	lb.	.07	- —
1,100 to 11,000 lbs., works	lb.	.08	- —
140 to 875 lbs., works	lb.	.09	- —
100 lbs., or less, works	lb.	.10	- —
cryst., com'l, dms., c.l., works	lb.	.06	- —
l.c.l., dms., works	lb.	.06½	—
solution, 32 deg., cbys., c.l., works	lb.	.02¾-	—
l.c.l., cbys., works	lb.	.03¼-	—
Formate, 30% solut., bbls., c.l., dlvd.	lb.	.12	- —
l.c.l., dlvd.	lb.	.15	- —
Alumina, hydrate, heavy, bbls., c.l., works	lb.	.0290-	—
l.c.l., bbls.	lb.	.03½-	—
bgs., c.l.	lb.	.0260-	—
light, bbls., dlvd.	lb.	.12	- —
Oleate, dms., contr.	lb.	.16¾-	—
open order	lb.	.17½-	.18½
Palmitate, precip., bbls.	lb.	.25	- —
Resinate, precip., dms., dlvd.	lb.	.15	- —
Stearate, precip., bbls., ctns., c.l.	lb.	.19	- —
l.c.l., ton	lb.	.20	- —
less than ton	lb.	.21	- —
Sulphate, com'l, bgs., c.l. works, frt. equaled	100 lbs.	1.15	- —
l.c.l., works, frt. equald.	100 lbs.	1.40	- —
bbls., c.l., works, frt. equald.	100 lbs.	1.35	- —
l.c.l., works, frt. equald.	100 lbs.	1.60	- —
iron-free, bgs., c.l., works	100 lbs.	1.30	- —
l.c.l., works	100 lbs.	1.55	- —
bbls., c.l., works	100 lbs.	1.50	- —
l.c.l., works	100 lbs.	1.75	- —
Aluminum, 98-99%, c. l.	lb.	.20	- —
l.c.l.	lb.	.21	- —
paste, lining, extra fine, dms., 1,500 lbs.	lb.	.65	- —
ink, dms., 1,500 lbs.	lb.	.75	- —
standard, dms., 1,500 lbs.	lb.	.43	- —
powder, lining, extra fine, dms., 1,500 lbs.	lb.	.92	- —
standard, dms., 1,500 lbs.	lb.	.57	- —
litho, extra brilliant, dms., 1,500 lbs.	lb.	.43	- —
extra fine, dms., 1,500 lbs.	lb.	.47	- —
lining, dms., 1,500 lbs.	lb.	.57	- —
standard, dms., 1500 lbs.	lb.	.42	- —
rubber compound, dms., 1,500 lbs.	lb.	.40	- —
unpolished, dms., 1,500 lbs.	lb.	.37	- —
varnish, extra brilliant, dms., 1,500 lbs.	lb.	.43	- —
extra fine, dms., 1,500 lbs.	lb.	.47	- —
standard, dms., 1,500 lbs.	lb.	.42	- —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. **Transportation allowed East of Mississippi.**

Ambergris, gray, tins	oz.	17.00	-36.00
Aminopyrine, fb., dms., 100 lbs.	lb.	4.00	- —
bots., 5 lbs.	lb.	4.22	- 4.25
Ammonia, acetate, bbls., kgs., dlvd.	lb.	.27	- .33
dms., dlvd.	lb.	.23	- .26
Aldehyde, dms.	lb.	.63	- .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works	lb.	.04½-	—
refrigeration, tanks, works	lb.	.05	- —
pure, cyls., dlvd., met. N.Y.	lb.	.18	- .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.	lb.	.05	- —
dms., c.l.	lb.	.02	- —
l.c.l.	lb.	.02¼-	—
tanks (on NH_3 content), dlvd., E.	lb.	.05½-	—
Benzoate, dms., 4,000 lbs. or more	lb.	.41	- .42
1,000 lbs. to 3,900 lbs.	lb.	.42	- .43
900 lbs. or less	lb.	.45	- .46
kgs., 4,000 lbs. or more	lb.	.40	- —
1,000 lbs., to 3,900 lbs.	lb.	.41	- —
900 lbs. or less	lb.	.44	- —
Bicarbonate, bbls., c.l., works	100 lbs.	5.15	- —
l.c.l., dlvd. N. Y.	100 lbs.	5.71	- —
Bichromate, bbls.	lb.	.32	- —
Bifluoride, bbls.	lb.	.14½-	.16½
Borate, bbls., kgs.	lb.	.15	- .16
Bromide, gran., bbls.	lb.	.35	- —
bxs.	lb.	.38	- .39
kgs.	lb.	.36	- —
Carbonate, tech., dom., bbls.	lb.	.08	- .12½
imported, csks.	lb.	.08	- .12½
USP, lump, dms.	lb.	.08	- .17
powd., bbls., dms.	lb.	.09	- .25
Chloride, tech. (see Ammoniac, sal).			
USP, gran., 225 lb. bbls.	lb.	.12	- .18
100 lb. kgs.	lb.	.15	- —
Citrate, dms.	lb.	.80	- —
cns.	lb.	.85	- —
Fluoride, bbls.	lb.	.17	- .19
Hydroxide, (see Ammonia, aqua).			
Hypophosphite, fb., dms.	lb.	1.10	- 1.17
jars	lb.	1.20	- —
Iodide, 5-lb. bots.	lb.	3.52	- —
jars	lb.	3.45	- —
Laurate, bbls.	lb.	.23	- —
Linoleate, 50%, anhyd., bbls.	lb.	.12	- .15
Molybdate, kgs., wks.	lb.	1.05	- 1.20
Naphthenate, bbls.	lb.	.17	- —
Nitrate, tech., bgs., c.l., works, 100 lbs.		3.60	- —
l.c.l., works	100 lbs.	3.85	- —
bbls., c.l., works	100 lbs.	3.80	- —
l.c.l., works	100 lbs.	4.05	- —
Oleate, dms.	lb.	.14	- .15
Oxalate, neutral, cryst., powd., bbls., kgs.	lb.	.19	- .20
Perchlorate, kegs.	lb.	.16	- —
Persulphate, kgs.	lb.	.21	- .22
Phosphate, dibasic, N.F.V., bls., lb.		.37	- —
kgs.	lb.	.39	- —
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09	- .10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works, unit-ton.		1.20	& .70
pure, bbls.	lb.	.40	- .44
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09	- .10
Ricinoleate, bbls.	lb.	.15	- —
Salicylate, U.S.P., kgs.	lb.	1.15	- 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y.	lb.	.09	- —
5 bbls., same basis	lb.	.08½-	—
Stearate, anhydrous	lb.	.22	- —
paste	lb.	.07	- —
Sulphate, dom., bulk, c.l., f.o.b. October shipt.	ton.	27.25	- —
November shipt.	ton.	27.50	- —
December shipt.	ton.	27.75	- —
Jan.-June, 1939 shipt.	ton.	28.00	- —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-40%, basis 100%, dms., works	lb.	.12	- .13
tanks, delvd.	lb.	.11	- —
Sulphocyanide, com'l, fb., dms., 2,000 lbs., works	lb.	.14	- —
smaller lots, works	lb.	.16	- —
pure, 99-100%, kgs.	lb.	.55	- —
Ammoniac, gum (see Gum, ammoniac).			
Sal, gray, dom., bbls., c.l., 100 lbs.		5.50	- 5.75
l.c.l.	100 lbs.	6.00	- 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs.		4.90	- 5.05
import, csks.	100 lbs.	4.90	- 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd.	lb.	.10½-	—
l.c.l., dlvd.	lb.	.11	- —
tanks, dlvd.	lb.	.09½-	—
cns., works	lb.	.15	- .17
ex pentane, dms., frt. alld.	lb.	.11	- —
l.c.l., frt., alld.	lb.	.12	- —
tanks, frt., alld.	lb.	.10	- —
Alcohol (see Alcohol amyl).			
Butyrate, dms., 50 gal., returnable	lb.	.75	- —
Caproate, cns.	lb.	2.75	- —
Chloride, normal, dms., works, lb.		.56	- —
small lots, works	lb.	.68	- —
mixed, tech., dms., c.l., works	lb.	.07	- —
l.c.l., works	lb.	.077	- —
tanks, works	lb.	.06	- —
Cinnamic aldehyde, cns.	lb.	2.00	- 2.25
Nitrite, bots.	lb.	1.80	- 1.85
Mercaptan, dms., l.c.l., works	lb.	1.10	- —
Oleate, dms., l.c.l., works	lb.	.25	- —
Salicylate, bots., 5 lbs.	lb.	.61	- —
cns., 25 lbs.	lb.	.51	- —
Stearate, dms., l.c.l., works	lb.	.26	- —
Amylene, dms., c.l., works	lb.	.102	- —
l.c.l., works	lb.	.11	- —
tanks, works	lb.	.09	- —
Anethol, bots.	lb.	1.09	- 1.05
Angelica root, dom., bls.	lb.	.18	- .20
import, natural, bls.	lb.	.20	- .33
twisted, bls.	lb.	.30	- .40
Angostura bark, bls.	lb.	.30	- .31
Anilin oil, dms., c.l.	lb.	.15	- —
l.c.l.	lb.	.16	- —
tanks	lb.	.14½-	—
Salt, dms., works	lb.	.22	- .24
Anise, Spanish, bgs.	lb.	.16½-	.17
Star, bgs.	lb.	.12½-	.13
Anisic aldehyde, bots.	lb.	3.00	- 3.10
Annatto paste, bxs.	lb.	.34	- .39
seed, bgs	lb.	.07½-	.08
Anthracene, 80-85%, wks.	lb.	.40	- —
Anthraquinone, 99.5%, subl., bbls., lb.		.65	- —
Antimony butter (see Antimony chloride)			
Chloride, solut., cbys.	lb.	.17	- —
Metal, spot	lb.	.11¾-	—
Needle, powd., ton lots, bulk, lb.		.12½-	—
bbls.	lb.	.13½-	—
Oxide, bbls., c.l.	lb.	.11½-	—
l.c.l.	lb.	.12½-	—
Salts, 65%, kgs.	lb.	.26	- .27
White, pigment, bgs., c.l., Texas works, frt. alld to ½c.	lb.	.11½-	.14½
Antipyrene, bbls., kgs., ton lots, lb.		2.00	- —
smaller lots	lb.	2.10	- 2.15
Apomorphine, bots.	oz.	25.20	-35.70
Archil extract, con., bbls.	lb.	.21	- .27
double, bbls.	lb.	.18	- .20
triple, bbls.	lb.	.16	- .20
Areca nuts, powd., bbls.	lb.	.11	- .12
Arecoline hydrobromide, bots.	oz.	4.35	- 4.50
Argols, test 70% to 80%, basis 100%, 100 kgm., purity, 100 kilos.		32.00	-34.00
Arnica flowers, bls.	lb.	.29	- .30
Root, bls.	lb.	.38	- .40
Arrowroot, St. Vincent, powd., bgs.	lb.	.06	- .06¾
bbls.	lb.	.06½-	.09
Arsenic, metal, lump, cs.	lb.	.40	- .41
Chloride (arsenous), cns.	lb.	4.35	- —
Iodide (arsenous), 5-lb. bots.	lb.	5.35	- —
jars	lb.	5.20	- —
Red, import, cs.	lb.	.15¾-	.16½
Trioxide (see Acid, arsenous).			
White, powd., kgs., c.l.	lb.	.03	- —
l.c.l.	lb.	.03¾-	—

Preface to Friendship
Many a friendship between Witco and a customer has been prefaced by receipt of a sample with the little black figure on the label. What are your needs? Let a frank appraisal of the following—or any other Witco products—be your preface to lasting satisfaction with Witco as your source of supply:
• CARBON BLACK
• TITANIUM DIOXIDE
• BLANC FIXE
BARYTES
WITCO
WITCO
WISHNICK-TUMPEER, INC.
Manufacturers and Importers
New York, 295 Madison Avenue • Boston, 141 Milk Street • Chicago, Tribune Tower • Cleveland, 616 St. Clair Ave., N. E. • Harold Wilson & Witco, Ltd., 6 Portman Mansions, Baker Street, London, W.1, England • Witco Affiliates: • Witco Oil & Gas Company • The Pioneer Asphalt Company Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

Asafetida, cs. .....lb. .25 - .26
powd., bbls., bxs.....lb. .38 - .42
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 6M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
6R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.80 - —

B

Balm of Gilead buds, bgs....lb. .25 - .28
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton.41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton.43.00 -45.00
precip., bgs., c.l., works..ton.52.50 - —
bbls., works.....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works.....ton.62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. & S. Carolina, Ga., Ala., Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton.87.00- —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
bbls., l.c.l., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½ - .12
Fluosilicate, bbls.....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .06¼
Iodide, bots. .....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks. .....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore..ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City .....ton.30.93 - —
Los Angeles .....ton.42.00 - —
New York .....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
southern off color, bulk, mines, ton.12.00 - —
95, 75%, bulk, mines....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
Cuban, crude, c.l., c.i.f....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00

Barytes, Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .13 - .17
Root, bls. .....lb. .11 - .12
Bentonite, 200 mesh, bgs., Wyo. works..ton.11.00 - —
325 mesh, bgs., Wyo. works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. coast, f.o.b., Minneapolis, Colo..gal. .16 - —
Benzoyl chloride, dms.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol benzyl)
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95-97%, refd., dms., lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.20 @ 2.50
Berberine bisulphate, cns.....lb.16.75 - —
Hydrochloride, cns.....lb.16.75 - —
Sulphate, cns.....lb.16.75 - —

Berberis root, bls.....lb. .14 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .18 - .19
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36
fib. dms.....lb 1.18 - 1.25
Subcarbonate, bots., cns.....lb. 1.62 - 1.88
fib. dms.....lb. 1.53 - 1.56
X-ray, 5-lb. bots.....lb 2.42
fib. dms.....lb 2.86
Subgallate, bots., cns.....lb. 1.67 - 1.93
fib. dms.....lb. 1.58 - 1.61
Sublodide, cns.....lb 3.91
fib. dms.....lb. 3.88 -
Subnitrate, powd., bots., cns. lb. 1.42 - 1.68
fib. dms.....lb. 1.38 - 1.36
Subsalicylate, 62-66%, bxs..lb 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms.....lb 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 2.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —

Asafetida—Black, Carbon

Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bxs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1. bbls., bxs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2. bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3. bbls., bxs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4. bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5. bbls., bxs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
fl. bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7. bbls., bxs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
8. bbls., bxs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bxs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07¾- —
2, bgs., c.l., works.....lb. .03¾- —
l.c.l., dlvd.....lb. .10¾- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14¾- —
cs., l.c.l., dlvd.....lb. .16½- —

Mapico pigments are pure iron oxides, free from any injurious compounds. Their chemical composition is standardized and controlled by constant accurate and exacting chemical analyses.

Technical inquiry is invited

MAPICO COLORS

Pure Oxides of Iron

YELLOWS • BROWNS • REDS • BLACK

MAGNETIC PIGMENT CO.

•

BINNEY & SMITH CO.

Distributors

41 East 42nd St. • New York, N. Y.

DIVISION OF COLUMBIAN CARBON COMPANY

Black, Carb.—Chlor., Rubber

Black, carbon, special, 4 bgs., c.l., works..lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
80,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ge., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (sellers option) l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.

Charcoal (see C).

Graphite (see G).

Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08¼
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y.....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05¾- —

Black dyes are listed under dyes.

Black haw, root bark, bls....lb. .23 - .25
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.00 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.00 - —
import, bgs., c.i.f. ports, shipt., unit-ton.3.10 - 3.20
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg. lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.50 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order .....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order .....lb. .37 - —
Tungstated, peacock, kegs...lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
Blue, ultramarine, special, 1, bbls., same basis..lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue dyes are listed under Dyes.

Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.25 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.40 - —
6-15 bbls., same basis. 100 lbs. 4.50 - —
1-5 bbls., same basis.... 100 lbs. 4.75 - —
Bonohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 8.65 - 8.50
l.c.l. dealers....100 lbs. 9.65 - 9.90
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports.....ton.28.50 - —
import, bgs., c.i.f., ports.ton.27.00 Nom.
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.24.00 -26.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.22.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.19.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.21.00 -21.50
Borage flowers, bls. .....lb. .20 - .21
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis....lb. .10¼- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05¼- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12¼- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston...lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .35 - .37
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10¼
Burgundy pitch, dom., bbls...lb. .03¼- .03¾
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt.alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Butyl, alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22½- —
Butyl, propionate, dms., dlvd..lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 4.21 - —
25-lb. cns.....lb. 3.97 - —
Lithopone (see Yellow)
Metal, cs.....lb. .95 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .40 - .41
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs.,dlvd.100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms.. lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd..ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls.....lb. .22 .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .77 - —
tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 75%, CaS, works, bulk, c.l., 25-mesh..ton.42.50 - —
bags, bulk, c.l., works.ton.45.00 - —
l.c.l., works .....ton.47.50 -50.00
75%, CaS, works, bulk, c.l., 50-mesh..ton.43.50 - —
bags, bulk, c.l., works..ton.46.00 - —
l.c.l., works .....ton.48.50 -51.00
80%, CaS, works, bulk, c.l., 25-mesh..ton.47.50 - —
bags, bulk, c.l., works...ton.50.00 - —
l.c.l., works .....ton.52.50 -55.00
80%, CaS, works, bulk, c.l., 50-mesh..ton.48.50 - —
bags, bulk, c.l., works...ton.51.00 - —
l.c.l., works .....ton.53.50 -56.00
luminous, dom., tins, works, 100 lbs. .85 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .30 - .35
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.28 - —
Camphor, natural, powd., cs...lb. .52½- .53
slabs, cs. .....lb. .52½- .53
tablets, tins .....lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .47 - —
1,000-lb. lots .....lb. .48 - —
500-lb. lots .....lb. .49 - —
100-lb. lots .....lb. .50 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0440- .0465
Morocco, bgs. .....lb. .0430- .0460
Turkish, bgs. .....lb. .0430- .0460
Canella alba bark, bls.....lb. .30 - .31
Cantharides, Chinese, cs.....lb. .60 - .70
powd., bxs.....lb. .70 - .80
Russian, cs. .....lb. .90 - .95
powd., bxs.....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .06¾- .07
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .06 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07⅛
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R., and incl. Ia., Ky., Minn., Mo., N. C., Tenn., Va...lb. .05 - —
l.c.l., same basis.....lb. .05½- —
10-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07¼
l.c.l., same basis.....lb. .07¾- .08¼
5-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07¼
l.c.l., same basis.....lb. .07¾- .08¼
tanks, same basis.....lb. .04¾- —
Fire extinguisher liquid, 1½c. lb. higher.
Carbon tetrachloride prices are ½c. per lb. higher frt. alld. in S.E. and Central States; 1c. per lb. higher frt. alld. in Rocky Mts. and S. W. States; prices in Pacific Coast States are 1¼c. per lb. higher, f.o.b. Coast shipping points.
Cardamom, bleached, cs.....lb. 1.15 - 1.50
decorticated, cs.....lb. .77 - .79
green, bgs. .....lb. .50 - .52
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .11 - .12
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08¾- .09
5 tons, works.....lb. .10½- —
smaller lots, works....lb. .11½- —
80-100 mesh, bgs., c.l., dlvd., lb. .09¼- .09½
5 tons, works.....lb. .11 - —
smaller lots, works....lb. .12 - —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .09½- —
80-100 mesh, bgs., c.l. duty paid..lb. .10 - —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .15¾- .16
3, bls. .....lb. .09¾- .10
shortstick, bls.....lb. .12¾- .13
China, rolls, select, cs.....lb. .06½- .07
broken, extra, bls.....lb. .04½- .04¾
Saigon, bls.....lb. .14½- .15
Cassia buds, cs.....lb. .15 - .15½
Cassia fistula, bskts.....lb. .08 - .09
Castile soap, white, bars., cs., 40 lbs.11.75 -12.50
powd., bbls. .....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.21.00 - —
Catnep leaves, bls. .....lb. .17 - .18
Celery seed, French, bgs.....lb. .13½- .14
Indian, bgs.....lb. .11½- .12
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, 50,000 to 99,999 lbs. lb. .50 - —
20,000 to 49,999 lbs.....lb. .55 - —
10,000 to 19,999 lbs.....lb. .60 - —
2,000 to 9,999 lbs.....lb. .65 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .19 - .20
Roman, bls. .....lb. .28 - .29
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt...ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls. .....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l. wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock. ton.35.00 - —
ex whse. .....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, bgs., c.l. (50,000 lbs. min.) works.....lb. .35 - —
2,000 lbs., works.....lb. .37 - —

Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equaled..100 lbs. 2.15 - —
tanks, multiple unit, 3 or over, wks., frt. equald..100 lbs. 2.30 - —
2, works, frt. equaled.100 lbs. 2.55 - —
1, works, frt. equald..... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .35 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cr., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chrome green).
Oxide (see Green, chrome oxide).
Chrome, sulphate, pearls, dms., 100 lbs..lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .17 - .18
long, cs. .....lb. .45 - .50
short, bgs. .....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .85 - —
large, cns.....100 ozs. .87 - —
powd., cns.....100 ozs..oz. .90 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2, bls.....lb. .15½- .16
3, bls. .....lb. .15¼- .15⅝
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .15 - .15½
Zanzibar, bls.....lb. .16½ Nom.
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lump, bgs., c.l..lb. .12¼ - .12⅝
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs. .....oz.21.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .29
Colombo root, bls.....lb. .09 - .10
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .24 - .25
S.A., USP. cns.....lb. .26 - .27
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54%, bbls.....lb. .14 - .15
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .12½- .13½
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10¾- —
Nitrate, cryst., bbls.....lb. .1620- .17
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .15 - .15½
smaller lots, works.....lb. .16 - —
red, com'l, 50-75%, kgs., f.o.b. N.Y..lb. .15½- .16½
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.16.00 - —
bbls., c.l., works.....ton.18.00 - —
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.13.00 - —
Copra, Coast, shipt.....lb. .0195- —
Coriander seed, Morocco, bgs..lb. .04½- .05
bleached, bgs. .....lb. .07¾- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.05 - —
ex whse.....100 lbs. 3.15 - —
Syrup, 42°, bbls., c.l....100 lbs. 2.99 - —
43° bbls., c.l.....100 lbs. 3.04 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.13 - —
gran., powd., dms., 50 lbs. or more..lb. .99 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .20 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs. .....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18¼
Cresol, USP, dms., c.l., works.lb. .10¼- —
l.c.l., same basis.....lb. .11 - —
special resin grade, dms., c.l., works..lb. .09¼- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .26 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .26
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs.....lb. .29 - .30

4% rotenone prices are 4c. per lb. less.

Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .27 - .28
powd., cs. .....lb. .30 - .31
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs.....lb. .09¼- .09⅝
Morocco, bgs. .....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms...lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .13 - .14
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07½- .08¼
English, bbls.....lb. .07¾- .08¼
neutral, dom., bbls.....lb. .11 - .16
English, bbls.....lb. .11 - .16
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .38
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
200 lbs. to 1,000 lbs..lb. .38 - .42

4% rotenone prices are 6c. per lb. less

Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Derris, resinate, 75% rotenone, cns..lb.10.00 -11.00
30% rotenone, cns.....lb. 5.50 - 6.50
25% rotenone, bulk, cns....lb. 3.60 - 6.00
15% rotenone, bulk, cns..lb. 2.10 - 4.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.85 - —
Corn, canary, bgs., c.l., f.o.b., Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
Potato, import, bgs.....lb. .07¼- .08
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .086 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .46 - .54

Chlorine—Dibutyl Tartrate

DIBUTYL SEBACATE

A NEW CHEMICAL PLASTICIZER NOW COMMERCIALLY AVAILABLE

Physical Properties

Color.....Water white
Specific Gravity
Approx. 0.94 at 25° C.
Boiling point
344°-345° C. at 760 mm.
Purity . Over 99% ester by weight
Flash point.....353° F.

Compatible with: Vinyl resins, Phenolic resins, Acrylic resins, Nitrocellulose. Other cellulose derivatives. Chlorinated rubber.

Miscible in all proportions with most common organic solvents.

Characteristics

Water white color
Non-yellowing
Tasteless; no residual odor
Low volatility, insuring permanence in films
Maintains plasticizing action over wide temperature range; particularly effective at low temperatures
Wide range of compatibility
Excellent electrical properties

Suggested for use as

Plasticizer for vinyl and acrylic finishes and plastics and for nitrocellulose, cellulose aceto-butyrate and other cellulose derivates.

TRADE MARK

A testing sample will be supplied, on request, by the manufacturer:

THE RESINOUS PRODUCTS & CHEMICAL CO., Inc.

222 West Washington Square, Philadelphia, Pa.

PRODUCERS OF

AMBEROL—*phenol-formaldehyde-type resins for finishes*
DURAPLEX—*alkyd resins for finishes*
AQUAPLEX—*emulsified alkyd resin for finishes*
PARAPLEX—*resin plasticizers*
UFORMITE—*urea-formaldehyde resins for finishes, laminated panels, plywood, etc.*
OILSOLATES—*synthetic organic driers*
TEGO—*resin film adhesive for plywood*
ACRYLOID—*Acrylic ester resins for finishes*

MANUFACTURERS OF: BISMUTH SUBCARBONATE . . BISMUTH SUBGALLATE . . BISMUTH SUBNITRATE AND OTHER BISMUTH SALTS . . BRUCINE ALKALOID . . BRUCINE SULFATE . . ALL SALTS OF CINCHONA ALKALOIDS . . CODEINE ALKALOID . . CODEINE PHOSPHATE . . CODEINE SULFATE . . IODINE RESUBLIMED . . IODOFORM . . MENTHOL-Y . . MORPHINE ALKALOID . . MORPHINE SULFATE . . OPIUM GUM (Gran. and Powd.) . . POTASSIUM IODIDE (Cryst. – Gran. – Powd.) . . QUININE SULFATE AND OTHER QUININE SALTS . . STRYCHNINE ALKALOID . . STRYCHNINE SULFATE . . THYMOL IODIDE . .

THE NEW YORK QUININE AND CHEMICAL WORKS, INC.

99-117 NORTH ELEVENTH STREET, BROOKLYN, N. Y.

ST. LOUIS DEPOT . . . . . 915 MARKET STREET

Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms. .....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniliin, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works .....lb. .17 - —
Monobutylether. dms.. works.lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Digitalis, leaves, dms.....lb. .40 - .42
Diglycol laurate .....lb. .22 - —
Diglycol oleate, light, bbls.....lb. .20 - —
Diglycol stearate .....lb. .24 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dilliseed, recleaned, bgs.....lb. .00 - .00½
Dimethyl phthalate, dms., c.l., divd..lb. .18½- —
l.c.l., divd. .....lb. .19 - —
Dimethylamine, dms., c.l., divd. lb. 1.00 - —
l.c.l., divd. .....lb. 1.05 - —
tanks, divd. .....lb. .17½- —
Dimethylaniliin, dms., c.l.....lb. .26 - —
l.c.l., dms. .....lb. .27 - —
Dimethylethyl carbinol (see Carbonol).
Dinitrobenzene, bbls, 80° min., lb. .18 - —
Dinitrochlorobenzene, bbls.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .80
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidins, dms., 2,000 lbs. or over, divd..lb. .44 - —
600-1,950 lbs., divd.....lb. .46 - —
150-450 lbs., divd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, divd..lb. .35 - —
600-1,950 lbs., divd.....lb. .36 - —
150-450 lbs., divd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz. 34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb. 13.50- —
f1180 Sodium indigo disulphonate, cns..lb. 13.50- —
Green:—
Fastgreen FCF, cns.....lb. 27.50- —
666 Guinea green B., cns. lb. 13.50- —
670 Light green SF, yellowish, cns..lb. 17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb. 17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau SX, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 8.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .50 - .55
326 Direct cast scarlet.....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.80
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
696 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .50
Sulphur tan .....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb. 15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
76 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1060 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
689 Methyl violet .....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
878 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .37 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .53 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein 3r..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls .. ..lb. .20 - .21
Egg albumen (see Albumen).
yolk, bbls.....lb. .66 - .68
Elder flowers, bright, bls.....lb. .21 - .23
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls. .....lb. .25 - .26
Emetine hydrochloride, bots..oz. 13.50 -14.00
Ephedra, bls.....lb. .11 - .12
Ephedrine, tins, 1,000 ozs....oz. 2.50 - —
tins, 100 ozs. .....oz. 2.65 - —
Hydrochloride, tins, 1,000 ozs.. oz. 1.75 - —
tins, 100 ozs. .....lb. 1.90 - —
Sulphate, cryst., 1,000 ozs...oz. 1.75 - —
tins, 100 ozs. .....lb. 1.90 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs. c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l....lb. .08 - .10

Ergot, USP, cs., dms.....lb. 1.65 - 1.70
Eserine, bots.....oz. 42.00 - —
Salicylate, bots.....oz. 33.00 -34.00
Sulphate, bots.....oz. 30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., divd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs. lb. .26 - —
USP, 1880, dms.....lb. .35 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .06½- —
l.c.l., frt. alld.....lb. .07 - —
tanks, frt. alld.....lb. .05½- —
99 p.c., dms., c.l., frt. alld., lb. .07¼- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N. F., VI, 90%, dms., 400 lbs. lb. .08½- —
cns., 35 lbs.....lb. .13½- —
Acetate, USP, VIII, 90%, dms., 400 lbs..lb. .07½- —
cns., 35 lbs.....lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms. .....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., divd..lb. .33 - —
5 and 10 gal. dms., divd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works..lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .6440- —
100 lbs., frt. alld.....lb. .6980- —
smaller lots, works.....lb. .7425- —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .05½
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .06½
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .15 - —
l.c.l., dms.....lb. .14 - —
tanks, works.....lb. .12 - —
Monoethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Monoethylether, acetate, dms., works..lb. .16 - —
Fusel oil, refd., dms., incl., divd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

F

Feldspar, enamel, 100 mesh, bulk, works..ton. 14.00 -17.50
glass, 20 mesh, bulk, works..ton. 9.75 -13.25
pottery, bulk, Me. works...ton. 17.00 -19.00
N.C. works.....ton. 17.00 -19.00
Fennel seed, French type, bgs., lb. .06 - .08½
Indian, bags.....lb. .07½- .07¾
German large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric sulphate, dms., works..ton. 35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .12½- —
smaller lots, works...lb. .13 - —
light, cs., 1,000 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .14 - —
water white, cs., 1,000 lbs., or over, works..lb. .14½- —
smaller lots, works...lb. .15 - —
Fir balsam, Canada, cns.....gal. 12.75 -13.00
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.30 & .10 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton. 48.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton. 44.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleeced, French, black, bgs..lb. .13 - .14
Indian, blonde, bgs.....lb. .08 - .08½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton. 31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton. 19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton. 20.00 -21.00
imported, 85% not over 5% duty paid..ton. 23.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04¼- —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton. 10.00 - —
import, bgs., c.l., ex dock..ton. 23.00 - —
l.c.l., ex whse.....ton. 30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, cases.....lb. .06¾- .07
plantation, cases.....lb. .08¼- .09
Cubes, Singapore, cases....lb. .08½- .09
Extract, bbls.....lb. .06½- .09½
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½- —
65 octane and above, tanks, gal. .06¼- —
California, 54-58, tanks...gal. .06½- .06¾
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04¾
60-62, 390 e.p., bulk, export, gal. .04¾- .04¾
60-62, 400 e.p., bulk, export, gal. .04¾- .04¾
64-66, 375 e.p., bulk, export, gal. .04¾- —
Gasoline, at rfy:—
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04¼- .04½
63-66 octane, tanks....gal. .04½- .04¾
67-69 octane, tanks....gal. .04¾- .05
70-72 octane, tanks....gal. .05½- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¼- .04¼
third grade, tanks..gal. .04¼- .04¼
63-68 octane, tanks....gal. .04 - —
67-69 octane, tanks....gal. .04¾- —
70-72 octane, tanks....gal. .04¾- .05¼
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03¾- —
18-lb. v.p., tanks.....gal. .02¾- .02¾
22-lb. v.p., tanks.....gal. .02¾- —
26-7? lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks... gal. .05 - —
65 octane, tanks.....gal. .06¼- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .05
Gelatin, silver, cs.....lb. .45 - .50
Geisemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07 - .07½
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 2.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .06¾- .06½
Cochin, lemon, bgs.....lb. .10¾- .11
Jamaica, bold, bgs.....lb. .15 - .15½
grinding, bright, bgs...lb. .11 - .11½
medium, bold, bgs.....lb. .11¾- .12
Japanese, bgs.....lb. .08½- .09
Ginseng fibers, cs. .....lb. 1.75 - 2.00
Root, cultivated, cs.....lb. 10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.35
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.25
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., divd..lb. .13 - —
l.c.l., divd. .....lb. .13½- —
36/58, bgs., c.l., divd....lb. .13½- —
l.c.l., divd .....lb. .14 - —
58/82, bgs., c.l., divd....lb. .14½- —
l.c.l., divd. .....lb. .15 - —
82/108, bgs., c.l., divd....lb. .15 - —
l.c.l., divd. .....lb. .15½- —
hide, calcimine type, 52 millipoise, 135 jelly grams, bgs., c.l., divd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis. lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
83/251,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283,bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
118/347, bgs., c.l., same basis lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .16¼- .16¾
dms., c.l., divd.....lb. .14¾- —
l.c.l., divd.....lb. .14¾- —
tanks, divd.....lb. .14 - —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., divd..lb. .13¾- —
l.c.l., divd.....lb. .14¼- —
tanks, divd.....lb. .13½- —
saponification, basis 88%, dms., returnable, divd..lb. .09½- .09¾
soaplye, basis 80%, dms., returnable, divd..lb. .08½- .08¾
Glycol boriborate, dms.....lb. .23 - —
Phthalate, dms. .....lb. .33 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz. 35.00 - —
Chloride, acid brown, bots..oz. 20.75 -21.00
yellow, bots. .....oz. 18.75 -19.00
Gold-soda chloride, photo., bots., oz. 13.00 - —
U.S.P. IX, bots.....oz. 14.50 -14.75
Gold of pleasure seed, bgs..lb. .12 - .12½
Goldenseal root, bls.....lb. 2.95 - 3.10
powd., bxs. .....lb. 3.15 - 3.25
Grains of paradise, bgs.....lb. .24 - .25
Graphite, flake (cryst.), 80% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
65% graphitic carbon,, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
90% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04¼- —
Grease, house, trcs.....lb. .04¾- .05
White, trcs. .....lb. .05¾- .06
Yellow, trcs. .....lb. .04¾- .05
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —

Green—Lead, Red

Green, chrome, c. p., dark, light, medium blue content, 11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis..lb. .23½ - —
21-25%, bbls., same basis..lb. .24 - —
26-30%, bbls., same basis..lb. .24½ - —
31-35%, bbls., same basis..lb. .25½ - —
36-40%, bbls., same basis..lb. .27 - —
41-45%, bbls., same basis..lb. .28½ - —
46-50%, bbls., same basis..lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
oxide, dom., pure, bbls...lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).

Green dyes are listed under Dyes.

Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs. .....lb. 1.05 - 1.10
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09½- .09¾
white, sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white, powd., bbls.....lb. .12½- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .23 - .25
Camphor (see C).
Chicle, prime, 33⅓% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —

Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .18¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¾- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .15¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .12¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .15¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11¾ —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¾- —
21, ordinary selected nubs, c.l., same basis..lb. .07¼- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07 - —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .05 - —
nubs and chips, bgs., c.l., same basis..lb. .05 - —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .12½- —
chips, bgs., c.l., same basis..lb. .05½- —
dust., bgs., c.l., same basis..lb. .03¼- —
nubs, bgs., c.l. same basis..lb. .09½- —
Gums, copal, East India, Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14¼- —
chips, bgs., c.l., same basis, lb. .05¾- —
dust, bgs., c.l., same basis.lb. .03¼- —
nubs, bgs., c.l., same basis, lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .11¼- —
B, bskts., c.l., same basis.lb. .10¼- —
C, bskts., c.l., same basis.lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .03¾- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06¾- —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts., c.l., same basis, lb. .05½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14½- —
Singapore, dust., bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis..lb. .08 - —
MA, bskts., c.l., same basis, lb. .06¼- —
MB, bskts., c.l., same basis, lb. .06 - —
WS, bskts., c.l., same basis, lb. .06 - —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¾- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11½- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .09¾- —
split, bgs., c.l., same basis, lb. .13¾- —
nubs, bgs., c.l., same basis, lb. .11¾- —
Dammar, Batavia, A, cs, c.l., same basis as copal..lb. .20¾- —
A/D, cs, c.l., same basis.lb. .16¼- —
A/E, cs., c.l., same basis.lb. .13¼- —
B, cs., c.l., same basis..lb. .19¾- —
C, cs, c.l., same basis...lb. .15¾- —
D, cs., c.l., same basis..lb. .13¾- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .15¾- —
2, cs., c.l., same basis....lb. .10¾- —
3, cs, c.l., same basis....lb. .05 - —
chips, cs., c.l., same basis.lb. .10¾- —
dust., cs., c.l., same basis. lb. .05 - —
seeds, cs., c.l., same basis. lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06½- .06½
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l. lb. .07 - .07½
l.c.l., same basis.....lb. .07½- .07¾
Euphorbium, cs.....lb. .22 - .23
Galbanum, cs.....lb. .90 - .95
Gamboge, pipe, cs.....lb. .60 - .65
powd., bbls.....lb. .65 - .70
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin)
Karava, bbls., bxs., dms....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 - 2.75
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .35 - .36
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs.....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .25 - .26
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs.....lb. .09¼- .09¼
Talha, bgs.....lb. .07½- .08
Thus, bbls.....280 lbs.14.00 -14.25
Tragacanth, Aleppo 1, cs....lb. 2.65 - 2.70
2, cs.....lb. 2.35 - 2.40
3, cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.20 - 2.25
flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Gypsum, plaster of paris, paper bgs., f.o.b., Brighton, N.Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald..ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .12 - .18
Helonias root, bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .05¾- .06
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 96-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13¼- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .09 - .10
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz. .....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz. .....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs. .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indel, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.35 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.60 - 1.65
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal. .85 - .90
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms .....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equid..lb. .06½- .07
djns .....lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, comi., kgs.....lb. .02¾- .06
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Iron, phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .66
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .20½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04 - .05

K

Kamala, tins .....lb. .32 - .33
Kaolin (see China clay).
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¾- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04¾
42-44 w.w., tanks.....gal. .04½- .04½
Pennsylvania, 45 w.w., tanks, gal. .04¾- —
43 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05½- —
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10¼- —
Cincinnati .....gal. .13 - —
Denver .....gal. .11¼- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .10 - —
New Orleans.....gal. .13¼- —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 8.75 - 9.00
Middlewestern, trcs....100 lbs. 8.40 - 8.50
Neutral, trcs.....100 lbs. 9.75 -10.00
Western, choice, trcs...100 lbs. 8.50 - 8.60
Compound, trcs.....100 lbs.10.00 -10.25
Larkspur seed, bgs.....lb. .32 - .35
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .04½
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls. .....lb. .46 - .48
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .12½- —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .12¾- —

Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.

Blue, basic sulphate, bbls., c.l., dlvd, E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .23 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¼- —

Lead, red, dry, 95% or less, Pb_3O_4, bbls., l.c.l., 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc. lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
96%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0835- —
other points.....lb. .0810- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls. .....lb. .22 - .28
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd. lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd., Ariz., etc. lb. .07¼- —
other points.....lb. .07 - —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06¼- —
other points .....lb. .06 - —
l.c.l., dlvd., Ariz., etc...lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., consumers, lb. .11¾- —
dealers .....lb. .09¾- —
painters .....lb. .10¾- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass. ....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Silurla, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —

Lime, chemical, spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
39-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l.....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10½- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers.....gal. .07½- —
30-50 dms.....gal. .09 - .13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.50
Linaiyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .27 - .30
without leaves, bls.....lb. .16 - .17
Linseed cake, bgs., export....ton.29.00 - —
Meal, 34%, dom., bgs.....ton.41.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .0685- —
dlvd., other points...lb. .0660- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
Colo., Mont., N. Mex., Wyo..lb. .07¼- —
other points .....lb. .07 - —
smaller lots, dlvd., Ala., etc. lb. .07¾- —
Ariz., etc. .....lb. .08¼- —
Colo., etc. .....lb. .08 - —
other points .....lb. .07½- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex wise. Pac. Cst.....lb. .05¾- —
smaller lots, same basis, lb. .05¾- —
bbls., 20 tons, same basis, lb. .05½- —
smaller lots, same basis, lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis, lb. .04¾- —
bbls., 20 tons, same basis, lb. .04½- —
smaller lots, same basis, lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis, lb. .05½- —
bbls., 20 tons, same basis, lb. .05½- —
smaller lots, same basis, lb. .06¼- —
Liverwort leaves bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs. .....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11¼
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.15 - 1.50
Lycopodium, cs. .....lb. 1.05 - 1.10

M

Mace, Banda, cs.....lb. .51 - .52
Batavia, cs. .....lb. .39 - .40
Siauw, 1, cs.....lb. .46 - .47
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, cyl.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Magnesia, palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns., ...lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .19
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .10½- .11
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.59.00 - —
l.c.l., 5 tons, works...ton.62.00 - —
smaller lots, works..ton.67.00 - —
burlap bgs., c.l., works.ton.57.00 - —
l.c.l., 5 tons, works..ton.60.00 - —
smaller lots, works.ton.65.00 - —
paper bgs., c.l., works.ton.55.00 - —
l.c.l., 5 tons, works..ton.58.00 - —
84-87% bgs., 28-40 tons, wks. ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
300-600 lbs., wks....ton.72.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs. .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs. .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs. .....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.45.00 -47.00
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 55% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.26.00 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .21 - .22
Mannitol, reagent, pure cryst., cs., works..lb. 1.30 - —
commercial, cryst., bbl., ton lots..lb. .55 - —
smaller lots.....lb. .70 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....ton. .16 - .16¼
Tunisan, bls. .....lb. .15 - .15½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs.....lb. 3.10 - 3.20
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.50 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.21 - —
USP, fib. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in...pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3¼x5½ in.....pkg.22.50 -23.00
3¼x5½ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroanilin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs...lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —
Methyl acetone, tanks.....gal. .25 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 1c. per gal. higher on drums, car lots.

pure, synth., dms., c.l., Zone 0, frt. alld..gal. .38 - —
2, frt. allo.....gal -
3, frt. allo.....gal 42 -
4, frt. allo.....gal 44 -
l.c.l., Zone 1, frt. allo. or dlvd gal .40½- —
2, frt. allo. or dlvd., gal. .47 - —
3, frt. allo. or dlvd gal 44½ -
4, frt. allo. or dlvd. gal 60 -
tanks, Zone 1, frt. allo gal. 33 -
2, frt. allo.....gal. .35½ -
3, frt. allo.....gal. .36½ -
4, frt. allo.....gal. .37 - —

Lead, Red—Mica

Synthetic methanol sales zones are—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R.....lb. .09½- —
tanks, dlvd. E. of Miss. R. lb. .07 - —
W. of Miss. R.....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. .....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. .....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. allo..lb. .29½- —
Acetone, natural, tanks.....gal. .25 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. allo., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. allo. E. of Rockies.....gal. .38 - —
2, frt. allo. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. allo. E. of Rockies..gal. .41 - —
2, frt., allo. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks Zone 1, frt. allo. E. of Rockies.....gal. .315 - —
2, ft. allo. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.
Methyl alcohol, (see Methanol).
Anthranilate, bots. .....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 2.45 - 3.75
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.63 - 3.63
Salicylate, dms. .....lb. .40 - .42
cns. .....lb. .42 - .45
Violet toner, bbls.....lb. .28 - —
permanent, bbls. .....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp, bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs. works....lb .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs, works, ton.39.00 - —

Mica—Oil, Ylang Ylang

Mica, dry, grd., white, paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., dlvd. E..lb. .04¼- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04⅝- —
smaller lots, dlvd. E..lb. .05¼- —
100 lbs., works....lb. .03½- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½- —
c.l., 1,000 lbs., frt. all., E..lb. .04⅝- —
smaller lots, frt. alld., E..lb. .05½- —
rubber bgs., c.l., frt. alld. E., lb. .04 - —
l.c.l., 1,000 lbs., frt. alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —
wet-ground mica prices are ½c. per pound higher on Pacific Coast.

Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15¼- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .15⅝- —
l.c.l. .....lb. .16⅞- —
Millet seed, yellow, bgs.....lb. .03¼- .03½
early fortune, bgs.....lb. .02 - .02½
hulled, bgs. .....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.80 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .55 - —
Monochlorobenzene, dms. .....lb. .06 - .08
Monoethanolamine, dms. c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniln, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..ozs. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb.....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb.....lb. 3.80 - —
xylol, cns., 100 lbs. or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb.....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .04½- .05
California, brown, bgs.....lb. .07 - .07½
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .06 - .06½
Dutch, yellow, bgs.....lb. .07¼- .08
English, yellow, bgs.....lb. .09 - .09¼
Hungarian, yellow, bgs....lb. .07¾- .08¼
Roumanian, yellow, bgs....lb. .06 - .06¼
Myrobalans, J1, bgs., shipt..ton.29.00 - —
J2, bgs., shipt.....ton. 20.50 - —
R2, bgs., shipt.....ton.17.00 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls.....lb. .04¾- —
powdered, 70% bbls.....lb. .05¾- —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.65
78 deg., bgs., bbls., wks., 100 lbs. 2.75 - 3.35
import, bgs., Atl. ports..100 lbs. 1.40 - 1.85
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb. cs., same basis...lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls .....lb. .36 - .37½
Chloride, bbls. .....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls. .....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb, tins .....lb. .86½- —
Nitersake, bulk, works.....ton.16.00 - —
Nitrobensene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼ sec. and 40, sec. vis., bbls., works..lb. .28 - —
bronsing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.03 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.25 - —
f.o.b. Chemical, Ill. unit-ton. 2.35 - —
East Coast producing points..unit-ton. 2.60 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.65 - 2.70
Nitronaphthalene, bbls.....lb. .24 - .28
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .49 - .50
110s, bgs., cs.....lb. .19 - .19½
West Indian, bgs.....lb. .10¾- .11
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l. wks..lb. .03¼- —
l.c.l., bbls., wks.....lb. .03⅝- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .12¼- —
l.c.l., G.S.....gal. .17 - —
tanks, G.S.....gal. .10¼- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
s.p.s., bots.....lb. 2.05 - 2.75
sweet, true, exp., cns.....lb. .65 - .68
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 2.00 - 2.25
Angelica root, bots.....lb.45.00 -52.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks .....lb. .06¾ Nom.
Bay, W. I., cns.....lb. 1.35 - 1.50
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 3.75 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns. .....lb. .65 - .70
Bois de rose, Brasil, cns.....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns. .....lb. .48 - .50
Calamus, cns. .....lb. 3.60 - 4.25
Camphor, sassafrassy, cns...lb. .21 - .22
dms. .....lb. .19 - .20
white, cns.....lb. .20 - .21
dms. .....lb. .17 - .18
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns. .....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 1.85 - 1.90
Caraway, USP, cns.....lb. 1.85 - 1.90
Cardamom, bots. .....lb.15.00 -52.00
Cassia, USP, cns., dms.....lb. .84 - .86
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
Medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ..lb. .09½- —
l.c.l. .....lb. .10¼- —
(5-gal.), l.c.l. .....lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (45% fat), dms., c.l..lb. .06¼- .06⅝
l.c.l. .....lb. .07¼- .08⅛
75% (63% fat), dms., c.l..lb. .09 - .09½
l.c.l. .....lb. .10 - .10½
80% (68% fat), dms., c.l..lb. .09½- .10⅛
l.c.l .....lb. .10½- .11
Cedarleaf, cns. .....lb. .63 - .68
dms. .....lb. .60 - .65
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns.. dms.....lb. .20 - .23
Celery, bots.....lb. 7.50 -12.50
Chaulmoogra, USP, cns., 500 lbs., lb. .90 - —
25 lbs. .....lb. 1.00 - —
Chinawood, dms. .....lb. .12½- .12⅝
tanks .....lb. .1180- .1200
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns....lb. .35 - .35½
dms. .....lb. .33½- .34
Java, dms.....lb. .38 - .40
Clove, makers, USP, cns....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks.lb. .03¾- —
Pac. Cst.....lb. .03 - —
edible, 76°, tax incl., dms., (returnable), c.l..lb. .09 - —
l.c.l. .....lb. .09¼- —
tanks .....lb. .08½- —
Cod, Newfoundland, shipt., tanked, bbls..gal. .38 Nom.
Norwegian, shipt., bbls...gal. .27 - .29
Codliver, med., U.S.P., Norwegian, bbls..bbl.26.00 - 27.00
Coriander, bots. .....lb.18.00 -20.00
Corn, crude, tanks, works...lb. .07 - .07¼
refd., bbls. .....lb. .09¾- .10
Cottonseed, d o m., cooking, bbls..lb. .09¼- —
salad, bbls.....lb. .09½- —
import, Brazilian, semi-refd., dms..lb. .0475- —
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 - 3.25
weed, bots.....lb. 3.85 - 4.10
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .35 - .37
dms. .....lb. .33 - .35
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04½
Oil, furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04⅝- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03⅝- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36 .....gal. .03½- .03⅝
36-38 .....gal. .03⅝- .03⅞
38-40, straw.....gal. .03⅞- .04
38-40 zero, 60 c.p.....gal. .03⅝- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .04½- .04¼
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk.....gal. .02⅝- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns.lb. 3.25 - 4.50
Bourbon, cns.....lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 2.15 - 2.20
Grapeseed, dms.....lb. .40 - .60
Ginger, dist., bots.....lb. 5.50 - 5.75
Guaiac wood, concrete, bots.lb. 2.65 - 3.30
Haarlem, import., bots....gross 3.25 - 3.35
Halibut-liver, dms. 1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. .75 - 1.00
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. .....lb. .44 - .45
Lard, common, 1, bbls.....lb. .08½- —
2, bbls.....lb. .08¼- —
extra, bbls.....lb. .09 - —
1, bbls.....lb. .08¾- —
winter, strained, extra, bbls., lb. .09¼- —
prime burning, bbls.....lb. .10 - —
prime, ed., bbls.....lb. .11½- —
ined., bbls.....lb. .09½- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
32-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns. .....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.05 - 4.00
Lemongrass, native, cns., dms., lb. .38 - .40
Lime, dist., cns.....lb. 4.25 - 4.75
expressed, cns.....lb. 7.50 - 8.50
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l...lb. .0930- —
l.c.l., 5 or more.....lb. .0970- —
less than 5.....lb. .1010- —
tanks .....lb. .0870- —
double boiled, bbls., less than 5 lbs..lb. .1030- .1050
raw, bbls., c.l.....lb. .0890- —
l.c.l., 5 or more.....lb. .0930- —
less than 5.....lb. .0970- —
tanks .....lb. .0830- —
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks.gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18½- —
190-200 D, color 4¼, 15-25 pour, tanks..gal. .23 - —
200-210 E, 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks... gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15¾- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .18 - —
cylinder, 600 fire, tanks, gal. .11½- —
600 flash, tanks.....gal. .14 - —
630 flash, tanks.....gal. .17 - —
635 fire, tanks.....gal. .12½- —
650 fire, tanks.....gal. .13½- —
Warren, E, amber, tanks, gal. .15 - —
neutral, 150 vis., 3 color, tanks..gal. .18 - —
180 vis., 3 color,tanks..gal. .18½- —
200 vis., 2 color,tans..gal. .20 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .24 - —
unfiltered, 600 s.r....bbls., f.a.s..gal. .20 - —
600 flash, s.r., bbls., c.l., gal. .22 - —
630 s.r., bbls., c.l., f.a.s. gal. .20½- —
Warren, E, bbls., c.l., f.a.s. gal. .22½- —
smaller lots, f.o.b..gal. .23½- —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto..gal. .30 - —
refd., alkali, dms.....lb. .0670- .0690
tanks .....lb. .0610- —
blown, dms.....lb. .0670- .0690
kettle-bodied, dms.....lb. .0760- .0780
light, pressed, dms.....lb. .0610- .0630
tanks .....lb. .0550- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.65 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .15¼- —
extra, bbls.....lb. .09 - —
1, bbls.....lb. .08¾- —
pure, bbls.....lb. .11¾- —
prime, bbls. .....lb. .09¼- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.85.00- 140.00
Nutmeg, USP, cns., dms....lb. 1.20 - 1.25
Oiticica, dms. .....lb. .10½- .10¾
Oleo, 1, bbls.....lb. .09½- —
2, bbls.....lb. .09 - —
Olibanum, bots.....lb. 5.00 - 5.25
Oil, olive, denat., bbls.....gal. .94 - .98
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07 - .07¼
sulphonated, 50% (43% fat), dms., c.l..lb. .11½- .12
l.c.l. .....lb. .12½- .13
75% (63% fat), dms., c.l..lb. .13½- .14
l.c.l. .....lb. .14½- .15
80% (68% fat), dms., c.l..lb. .14½- .15
l.c.l. .....lb. .15½- .16
Orange sweet, dist., cs.....lb. .50 - —
expressed, A f r i c a n, cns., dms..lb. .80 - .85
Calif., cns.....lb. .65 - .75
Messina, USP, coppers.lb. 2.25 - 3.25
West India, cns.....lb. 1.90 - 2.00
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, csks. .....lb. .03¾- —
shipment .....lb. .02¾- —
softs, 12½%, bulk, shipt....lb. .02¼- —
20%, bulk, shipt.....lb. .0270- —
Sumatra, shipt., bulk.....lb. .02¾- —
Palmarosa, cns. .....lb. 2.00 - 2.25
Palmkernel, bulk, shipt.....lb. .0365 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. S..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. S..gal. .05¼- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.75 - 3.90
Peanut, crude, dom., tanks..lb. .07¾- .07¼
refd., edible, bbls.....lb. .10¾- .10¾
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns. .....lb. 1.35 - 1.40
Peppermint, natural, cns., dms., lb. 2.20 - 2.45
redist., USP, cns., dms....lb. 2.30 - 2.65
Perilla, dms.....lb. .09¾- .10
tanks .....lb. .0900- .0920
Petitgrain, Paraguay, cns....lb. .90 - 1.00
Pimento berry, cns.....lb. 3.65 - 7.50
leaf, cns. .....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports...gal. .46 - .48
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .24 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls.....gal. .75 - .80
Red, dist. or saponif. bbls., dlvd..lb. .08¾ Nom.
dms., dlvd.....lb. .08¼ Nom.
tanks, dlvd.....lb. .07½ Nom.
white, dms.....lb. .11¼ Nom.
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 2.15 - 2.20
Sage, cns. .....lb. 1.30 -35.00
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst. gal. .28 - —
refd., alkali, dms.....lb. .0670- .0690
tanks .....lb. .0610- —
kettle-bodied, dms.....lb. .0760- .0780
light, pressed, dms.....lb. .0610- .0650
tanks .....lb. .0550- —
Sassafras, artif., cns.....lb. .36 - .37
dms. .....lb. .34 - .35
natural, cns., dms.....lb. 1.00 - 1.05
Savin, cns.....lb. 1.65 - 1.70
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., dms.....lb. .10½ Nom.
Shingle stain, bbls., c.l., wks. gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms...lb. .0650- .0700
tanks .....lb. .05¾- —
refd., dms.....lb. .0767½- .825
tanks .....lb. .0685- —.
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. .75 - 1.00
Sweet, birch, North, cns....lb. 2.25 - 3.50
South, cns.....lb. 1.65 - 2.00
Tall, crude, dms., c.l., works, ton.45.00 - —
l.c.l., works.....ton.50.00 -65.00
tanks, works.....ton.35.00 - —
refined, dms., c.l., works...lb. .05½- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08¼- —
tanks .....lb. .08 - —
Tansy, cns.....lb. 5.50 - 5.75
Tar, comi, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities..gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .07¼- .07½
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .85 - 1.45
Ti tree, cns.....lb. 3.10 - 3.50
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots. .....lb. 4.35 -16.50
Walnut, crude, dms.....lb. .13 - .13½
refd., dms. .....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0770- .0790
winter, bleach, dms.....lb. .0810- .0830
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, doms., tech., 50-60 vis., dms.....gal. .42 - —
65-75 vis., dms.....gal. .44 - —
80-90 vis., dms.....gal. .45 - —
USP, 80-90 vis., dms....gal. .49 - —
95-105 vis., dms.....gal. .57 - —
125-135 vis., dms.....gal. .64½- —
140-150 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
200-210 vis., dms.....gal. .74½- —
320-330 vis., dms.....gal. .80½- —
335-345 vis., dms.....gal. .82 - —
Russian, 80-90 vis., dms.gal. .49 - —
145-155 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
335-345 vis., dms.....gal. .82 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.50 - 2.55
Wormwood, cns.....lb. 3.25 - 3.30
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00

Olivine, aggregate, c.l., mines,	ton.	5.00	- 8.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
ground, 200 mesh, c.l., mines,	ton.	15.00	- —
20 mesh to dust	ton.	10.00	- —
Opium, USP, cns	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.50	-13.50
Orange, Lake, Persian, bbls	lb.	.80	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10¾-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11¼-	—
Colo., Mont., N. M., Wyo.	lb.	.11 -	—
Other points	lb.	.10½-	—
smaller lots, dlvd., Ala., etc.	lb.	.11¼-	—
Ariz., etc.	lb.	.11¾-	—
Colo., Mont., N. M., Wyo.	lb.	.11½-	—
Other points	lb.	.11 -	—
French, Tours, casks, ex dock,	lb.	.13½-	—
kgs., ex dock	lb.	.14½-	—
Molybdate, bbls.	lb.	.31 -	—
Toner, bbls.	lb.	.80 -	—
Orangeflower petals, cs.	lb.	.33 -	.35
Orange peel, bitter, bls.	lb.	.08 -	.09
sweet, bls.	lb.	.13 -	.15
Orris root, Florentine, bgs.	lb.	.10 -	.11
fingers, cs.	lb.	.85 -	.90
powd., bbls., bxs.	lb.	.12 -	.13
Verona, bls.	lb.	.09 -	.10
powd., bxs., cs.	lb.	.12 -	.13
Orthoanisidin, bbls.	lb.	.70 -	.74
Orthochloroaniliin, dms.	lb.	.60 -	.75
Orthochlorophenol, dms.	lb.	.32 -	—
Orthocresol, dma., c.l., works	lb.	.16½-	—
l.c.l., same basis	lb.	.17½-	—
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06 -	—
l.c.l., same basis	lb.	.07 -	—
100-lb. tins, same basis	lb.	.08 -	—
50-lb. tins, same basis	lb.	.09 -	—
tanks, same basis	lb.	.05½-	—
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.			
Orthonitroaniiin, dms.	lb.	.55 -	—
Orthonitrochlorobenzene, dms.	lb.	.15 -	.18
Orthonitroparachlorophenol, cns.	lb.	.75 -	—
Orthonitrotoluene, dms.	lb.	.08 -	—
Orthotoluenehydrochloride, dms.	lb.	.22 -	—
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms.	lb.	.16 -	—
Osage orange extract, cryst., bbls.,	lb.	.19 -	—
liquid, 42°, bbls.	lb.	.08 -	—
51°, bbls.	lb.	.09 -	—
Oxyquinolin sulphate, cns., 100-lbs., works	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00

P

Papain, powd., cs.	lb.	1.25	- 1.30
Paprika, Hungarian, extra fancy, bgs.	lb.	.25	- .25½
medium, bgs.	lb.	.24	- .24½
Spanish, extra fancy, cs.	lb.	.28	- .28½
medium, bgs.	lb.	.24½-	.25
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Parachlorophenol, dms.	lb.	.45	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½-	.15½
Paraffin, crude, scale, white, 122-124 A.m.p., bxs., c.l., Okla., refy.	lb.	.02½-	—
bbls., c.l., N. Y.	lb.	.0240-	—
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼-	—
bbls., c.l., N. Y.	lb.	.0235-	.0245
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¼	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.03¾-	—
loose, c.l.	lb.	.0355-	—
125-127 A.m.p., bgs., c.l.	lb.	.0390-	—
loose, c.l.	lb.	.0370-	—
128-130 A.m.p., bgs. or loose, c.l.	lb.	.04 -	—
131-133 A.m.p., bgs. or loose, c.l.	lb.	.0435-	—
133-135 A.m.p., bgs. or loose, c.l.	lb.	.0465-	—
135-137 A.m.p., bgs. or loose, c.l.	lb.	.0490-	—
138-140 A.m.p., bgs. or loose, c.l.	lb.	.0565-	—
143-145 A.m.p., bgs. or loose, c.l.	lb.	.0660-	—
151-153 A.m.p., bgs. or loose, c.l.	lb.	.08½-	—
refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is .05c. lower.			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02¼-	.02¾
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34 -	—
100 to 999 lbs. shipments, same basis	lb.	.35 -	—
Paraldehyde, tech., 99% 55 and 100 gal. dms., dlvd.	lb.	.16 -	—
5 and 10 gal. dms., dlvd.,	lb.	.17 -	—
USP, cs., cbys.	lb.	.37 -	.45
Paranitroaniiin, kgs., works	lb.	.47 -	—
Paranitrochlorobenzene, kgs.	lb.	.15 -	—
Paranitrophenol, kgs.	lb.	.35 -	—
Paranitrotoluene, kgs.	lb.	.35 -	—
Parapnenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 -	—
Paratoluidin, bbls.	lb.	.56 -	—
Pareira brava root, bls.	lb.	.15 -	.18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23 -	.25
less car lot, same basis	lb.	.24 -	.26
Passion flower herb, bls.	lb.	.07 -	.07½
Patchouli leaves, bls.	lb.	.18 -	.20
Pellitory root, bls.	lb.	.16 -	.17
Pennyroyal herb, bls.	lb.	.07 -	.08
leaves, bls.	lb.	.14 -	.15
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11¼-	—
l.c.l., G.3.	gal.	.16 -	—
tanks, G.3.	gal.	.08½-	—
laboratory grade, dms., c.l., G.3.	gal.	.14 -	—
l.c.l., G.3.	gal.	.25 -	—
Pepper, black, Alleppy, bgs.	lb.	.07¾-	.08¼
Lampong, bgs.	lb.	.04¾-	.05¼
Tellicherry, bgs.	lb.	.08¾-	.09
Red, chillies, Japan, 1, bgs.	lb.	.19 -	.19½
Mombassa, bgs.	lb.	.21	Nom.
White, Java, Muntok, bgs.	lb.	.07¾-	.08
Saigon, bgs.	lb.	.07¾-	.08
Peppermint leaves, dom., bls.	lb.	.23 -	.24
import, bls.	lb.	.40 -	.41
Peru, balsam, dms.	lb.	.65 -	.70

Petrolatum, amber, bbls., c.l.	lb.	.02¾-	.02¾
l.c.l.	lb.	.03¾-	.03¾
extra, bbls.	lb.	.02¾-	.03
l.c.l.	lb.	.03¾-	.04½
cream (see white, cream).			
green (see red).			
red, veterinary, bbls., c.l.	lb.	.02½-	—
white, cream, bbls., c.l.	lb.	.04¼-	—
l.c.l.	lb.	.05¾-	.06½
lily, bbls., c.l.	lb.	.05¾-	—
l.c.l.	lb.	.06¾-	.07½
snow, bbls., c.l.	lb.	.06¼-	—
l.c.l.	lb.	.07¾-	.08½
Petroleum crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .95
Athens	bbl.	.84	- 1.00
Belridge	bbl.	.70	- 1.32
Buena Vista Hills	bbl.	.70	- 1.38
Canal-Greely	bbl.	.91	- 1.68
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.32
Dominguez	bbl.	.79	- 1.00
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.78	- 1.22
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.38
Lost Hills	bbl.	.70	- 1.18
McKittrick	bbl.	.70	- —
Midway-Sunset (except Lakeview)	bbl.	.70	- 1.38
Montebello	bbl.	.77	- 1.45
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —

Petroleum, crude, bulk, at wells—			
California (continued):—			
Orcutt	bbl.	.70	- .93
Olinda Brea	bbl.	.76	- 1.27
Playa del Rey, f.o.b. pipeline	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.09
Rosecrans	bbl.	.84	- 1.06
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.05
Wheeler Ridge	bbl.	.70	- .83
Whittier	bbl.	.76	- .96
Wilmington	bbl.	.75	- 1.21
Canada:—			
Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —
Central West:—			
Illinois	bbl.	1.25	- —
Lima	bbl.	1.25	-
Midland (Mich.)	bbl	1 12	-
Princeton	bbl.	1.25	- —
East Texas	bbl.	1.20	- 1.25
Gulf Coast:—			
Barber's Hill	bbl.	.95	- 1.41
Batson	bbl.	.95	- 1.41
Dayton	bbl.	.95	- 1.41
Esperson	bbl.	.95	- 1.41
Goose Creek	bbl.	.95	- 1.41
Hull	bbl.	.95	- 1.41
Humble	bbl.	.90	- 1.41
Liberty	bbl.	.90	- 1.41
Markham	bbl.	.90	- 1.29
Orange	bbl.	.95	- 1.41
Pettus	bbl.	1.37	- —
Pierce Junction	bbl.	.95	- 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	1.01	- 1.17
Saratoga	bbl.	.95	- 1.41
Sour Lake	bbl.	.90	- 1.41

Petroleum, crude, bulk, at wells,			
Gulf Coast:—			
Spindle Top	bbl.	.95	- 1.41
Sugarland	bbl.	.95	- 1.41
West Columbia	bbl.	.95	- 1.41
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.42	- —
Kentucky river	bbl.	1.50	- —
Western Kentucky (Owensboro)	bbl.	1.20	- —
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.90	- 1.22
Caddo	bbl.	.90	- 1.22
Cameron Meadows	bbl.	.90	- 1.30
Choctaw	bbl.	.90	- 1.30
Cotton Valley	bbl.	.90	- 1.22
Darrow	bbl.	.90	- 1.30
De Soto	bbl.	.90	- 1.22
El Dorado	bbl.	.90	- 1.22
Haynesville	bbl.	.90	- 1.22
Homer	bbl.	.90	- 1.22
Iowa	bbl.	.90	- 1.30
Lockport	bbl.	.90	- 1.30
Miller County	bbl.	.90	- 1.22
Pine Island	bbl.	.90	- 1.22
Rainbow	bbl.	.90	- 1.22
Rodessa	bbl.	.90	- 1.22
Smackover	bbl.	.75	- .90
Tepetate	bbl.	1.24	- —
Urania	bbl.	1.02	- —
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	No prices	
Tuxpan	bbl.	No prices	
Midcontinent:—			
North Texas	bbl.	.96	- 1.20
Oklahoma-Kansas	bbl.	.93	- .190
Altus, Tipton (Okla.).	bbl.	.96	- 1.20

TIPS ON TOE-HOLDS

When the grunt and groan boys come to grips, anything goes. Eyes go. Ears go. Toes go. What's this got to do with paint? Well, we think it supplies a moral for every manufacturer who is grappling with the problem of gum formation or discoloration.

The moral is this: Don't overlook the small things. They may help you win the match.

But before you can get a toe-hold, you must first find the toe. And it might be well to look for it among your naphthas. For many manufacturers say that they have found unstable naphthas to be the principal cause of gum formation, discoloration and livering.

But unstable naphthas are slippery things. They will pass all the usual laboratory tests. That's why more and more paint manufacturers are turning to Shell. For Shell naphthas are stable—uniform—and safe. Over 600 skilled scientists—in 9 strategically located laboratories — are constantly on guard to maintain these qualities. Over 1500 Bulk Depots—from coast to coast—are ready to serve you anywhere, anytime. Why not take advantage of America's Only Complete National Naphtha Service?

SHELL

SHELL NAPHTHAS

Petroleum—Red, Purple

Petroleum, crude, bulk, at wells—
Pennsylvania, Ohio West Virginia:—
Bradford-Allegany ....bbl. 1.68 - —
Corning .....bbl. 1.07 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.18 - —
Eureka lines.....bbl. 1.28 - —
N. Y. Transit lines, bbl. 1.68 - —
S. W. Penn. lines..bbl. 1.34 - —
lower district in National Transit lines.bbl. 1.56 - 1.61
Rocky Mountain:—
Big Muddy.....bbl. 1.18 - 1.23
Canon City-Florence...bbl. 1.10 - —
Cat Creek.....bbl. 1.40 - —
Dutton Creek.....bbl. 1.06 - 1.30
Elk Basin.....bbl. 1.05 - —
Fort Collins-Wellington, bbl. 1.01 - 1.25
Frannie, light.....bbl. .65 - —
Grass Creek, light.....bbl. 1.05 - —
Greybull .....bbl. 1.30 - —
Iles .....bbl. 1.12 - 1.18
Lance Creek.....bbl. .97 - —
Lander .....bbl. .51¼- —
Midway .....bbl. 1.00 - 1.30
Rock Creek.....bbl. 1.20¼- —
Salt Creek.....bbl. 1.06 - 1.30
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .98 - 1.25
Cleveland-Liberty .....bbl. 1.27 - —
Conroe .....bbl. 1.20 - 1.44
Darst Creek.....bbl. 1.09 - —
Hardin-Liberty .....bbl. 1.15 - —
Luling .....bbl. 1.00 - —
Lytton Springs.....bbl. 1.12 - —
South, Central and S.W. Texas:—
Mirando (incl. Duval)..... bbl. .96 - 1.30
Panola County.....bbl. .93 - 1.25
Salt Flat.....bbl. 1.09 - —
Tomball .....bbl. 1.20 - 1.44
West Beaumont.....bbl. .95 - 1.29
Van .....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.05
Gray County.....bbl. .96 - 1.05
West Texas:—
Artesia, N. M.....bbl. .90 - —
Crane .....bbl. .78 - 1.08
Crockett .....bbl. .78 - 1.08
Ector .....bbl. .78 - 1.08
Eddy (N. M.) .....bbl. .90 - —
Hogback .....bbl. 1.33 - —
Howard .....bbl. .78 - 1.08
Jackson, N. M. .....bbl. .90 - —
Lea, N. M. .....bbl. .78 - 1.08
Marjamar, N. M. .....bbl. .90 - —
Mitchell .....bbl. .78 - 1.08
Pecos .....bbl. .91 - —
Upton .....bbl. .78 - 1.08
Winkler .....bbl. .78 - 1.08

Ether, 30-60°, dms., c.l., G. 3, gal. .14 - —
l.c.l., G. 3.....gal. .25 - —
tanks, G.3 .....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .14 - —
c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —

Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .12 - .12½
Group 3, tanks.....gal. .07⅝- .07⅝

Naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅝
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
3, tanks, f.o.b. Bayway..gal. .18 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
80, same basis.....gal. .16 - —
40, same basis.....gal. .14½- —

V. m. & p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅝
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax.....gal. .12½- —
New York, ex tax.....gal. .11 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .16 - —

Solvent, rubber, at refinery, East Coast, tanks..gal. .09½- .10
Group 3, light, 120 l.b.p., 250 e.p., tanks...gal. .06⅝- .06⅝
standard, 180 l.b.p., 288 e.p., tanks..gal. .06⅝- .06⅝

Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .05⅞- .06⅛
tankwagon, Boston, ex tax, gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .184 - —
Des Moines, inc. 4c. tax.gal. .182 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09½- .11½

Petroleum, solvent, Stoddard, tankwagon, New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .09½- .11¼
Omaha .....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax.gal. .139 - —
Tulsa, ex tax .....gal. .10 - .11

Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low aniiin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
New Jersey, tanks...gal. .09 - —
Group 3, tanks.....gal. .05⅝- .05⅝
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .10 - .12
Chicago .....gal. .162 - —
Decatur, Ill.....gal. .184 - —
Des Moines.....gal. .182 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .196 - —
Minneapolis-St. Paul...gal. .198 - —
Newark .....gal. .09½- —
New York (200 gals)..gal. .09½- .11
Omaha .....gal. .131 - .141
Philadelphia .....gal. .10 - —
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - —
St. Louis.....gal. .15 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13½

Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs. .....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¼- .16¼
under 1,000 lbs.....lb. .16¼- .17¼
tanks, works .....lb. .13½- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
Yellow, fib., dms., 2000-lb. lots., lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms. .....lb. .87 - —
50-lb. kgs. .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots. ....lb. 2.25 - 3.50
Dimethylacetate, cns. .....lb. 14.50 -15.00
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phlorogiucinol, CP, tins, works.lb. 20.00 -22.00
tech., tins, works .....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% mic., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines, long ton. 2.35 - —
72% min., bulk, mines, long ton. 2.85 - —
75% basis, 74% min., bulk mines..long ton. 3.85 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs. .....lb. .40 - .44
Yellow, cs. .....lb. .24 - .30
Phosphorous, oxychloride, cys.lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs. .....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .10 - .12
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis.....oz. 2.90 - 3.00
Pimento, bgs.....lb. .13½- .14
Pinkroot, bls. .....lb. .35 - .36
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
hardwood, 1-time, dm., c.l. dlvd. Akron..ton. 23.75 -24.00
linseed, dms. .....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas)
Pine, bbls. .....lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls. .....lb. .11 - .12
Podophyllin, dms. .....lb. 4.75 - 4.95
Poke root, bls. .....lb. .07½- .08
milk cans.....gal. .21 - —
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .35 - .36
Poppy flowers, red, bls.....lb. .55 - .70
Seed, Dutch, bgs.....lb. .08¼- .08⅝
Polish, bgs. .....lb. .09 - .09½
Potash abietate .....lb. .08 - —
Acetate, tech., bbls., dlvd..lb. .26 - —
kgs., dlvd. .....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs. .....lb. .30 - —
cns., 25 lbs. .....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .12 - —
Bicarbonate, USP, cryst., bbls. 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
Bichromate, spot, c.l., works.lb. .08⅜- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06⅝- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05⅝- —
liquid, dms., c.l., dlvd....lb. .03 - —
l.c.l., dms. .....lb. .03¼- —
tanks, dlvd. .....lb. .02871⅛- —
USP, gran., bbls., 325 lbs..lb. .14 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs. .....lb. .21 - —

Potash, caustic, flake, 88-92%, dom., dms., c.l., works lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03¼- .03¼
tanks .....lb. .02⅞- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .08
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- .38¼
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75%, solv., dms., 1,000-lb. lots..lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms., 100 lbs. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns... 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots., or cns.....lb. 1.22 - 1.48
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f., ports..ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports.....unit-ton. .58½- —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton. .53½- —
import, all strngths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls. .....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports. ton. 55.00 Nom.
Perchlorate, kgs., works....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .30½- .34
Yellow, bbls. .....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90% bgs., shipt., c.i.f. ports..ton. 38.00 - —
l.c.l. .....lb. .13½- —
Xanthate, dms., c.l. .....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships. ton. 25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls. .....lb. .18 - .20
Prince's pine herb, bls.....lb. .21 - .22
Propane, tanks, G.3.....gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. .....lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
O, O-½, O-⅝, and ½, bbls., less than 3, works..lb. .04½- —
3 or over, works...lb. .04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y. ton. 32.85 Nom.
l.c.l., 5-29 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse..ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton. 40.70 - —
single bgs., ex whse.ton. 45.70 - —
Pumpkin seed, bgs.....lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.40 - 6.75
basis (30 to 1) 3.6% pyrethrins 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal. 9.60 - 9.95
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .27 - .28½
fine powd. Japan, bbls., ton lots frt. alld..lb. .28 - .30
Pyridin, denaturing, dms....gal. 1.53 - —
refd., 2°, dms. .....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms, tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.60 - —
325 mesh, same basis.....ton. 12.00 - —
No. 3, 200 mesh, c.l. mines.ton. 7.50 - —
325 mesh, same basis.....ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
Pyroxylin scrap, shell-demi, cs., works, .lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works..lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03⅝- —
tanks, works.....lb. .02⅞- —
solid, 63%, bgs, c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —

Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08¼
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flasks. 75.00 -84.50
Quince seed, bgs.....lb. .80 - 1.00
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .87 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .99 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydriodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, U.S.P. X, cns.....oz. .84 - —
U.S.P. XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .98 - —
Quinine-urea hydrochloride cns.oz. .75 - —

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms. .....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .06¼- .06½
Dutch, black, bgs. .....lb. .06½- .07
red, bgs. .....lb. .06¼- .06⅝
Japanese, bgs.....lb. .06 - .06¼
Raspberries, dried, bls.....lb. .36 - .38
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots.....lb. 4.00 - —
100-lb. lots .....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls..lb. 1.26 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .08¼- —
80% copperas oxide, bbls., same oasis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04⅝
ex whse., Chicago, St. Louis..lb. .05⅜- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kegs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00

Red scarlet ink toner, kgs, same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., f.o.b. N.Y., lb. .03½- .0690
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500....lb. 1.45 - —
smaller lots.....lb. 1.46 - 1.59
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 6.65 -13.00
Rhubarb root, cs.....lb. .30 - .31
powd., bbls., kgs.....lb. .35 - .36
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots.....lb. .17¼- —
Rose flowers, pale, bls.....lb. .25 - .28
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .06
Rosin, gum B, bbls., ex docks. 280 lbs. 4.75 - —
D, bbls.....280 lbs. 5.05 - —
E, bbls.....280 lbs. 5.15 - —
F, bbls.....280 lbs. 6.20 - —
G, bbls.....280 lbs. 6.20 - —
H, bbls.....280 lbs. 6.20 - —
I, bbls.....280 lbs. 6.20 - —
K, bbls.....280 lbs. 6.20 - —
M, bbls.....280 lbs. 6.20 - —
N, bbls.....280 lbs. 6.70 - —
W. G., bbls.....280 lbs. 6.85 - —
W. W., bbls.....280 lbs. 7.35 - —
X, bbls.....280 lbs. 7.35 - —
Rosin, wood, F. F.....280 lbs. 5.35 - 6.05
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump., bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .19 - .20
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.75 - 2.05
Safflower, bls.....lb. .24 - .25
Saffron, Mexican, bls.....lb. .28 - .29
Spanish, tins.....lb.29.50 -30.00
Safrol, cns.....lb. .52 - .53
dms.....lb. .50 - .51
Sage, Dalmatian, stemless.....lb. .05¾- .08
garden, bls.....lb. .06½- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .98 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.15.30 - —
l.c.l., dlvd. N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons..100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.60
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .18 - .20
Savory, bbls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .13¾- —
smaller lots.....lb. .14¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .14¾- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega, root, bls.....lb. .50 - .51
Senna leaves, Alexandria, bls.lb. .10 - .14
siftings, bls.....lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .05½- .06
Serpentaria root, bls.....lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19½- .20½
Chicago.....lb. .19¾- .20¾
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .25 - —
dlvd. Boston.....lb. .25½- —
Chicago.....lb. .25¾- —
Pacific Coast.....lb. .28 - —
Garnet, bgs.....lb. .12½- .13
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11¼- .12
dlvd. Chicago.....lb. .12 - .12½
Pacific Coast.....lb. .15 - .15½
T.N., bgs., f.o.b. Bost. N. Y.lb. .11 - .11½
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14 - .14½
Shellac varnish, orange, 5-lb. cut, bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
Silica, amorph., wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .6464- —
Nitrate, vis.....oz. .31½- .33⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .28 - .30
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .20 - .21
Western, bls.....lb. .14 - .17
Skunk cabbage root, bls.....lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, cts.....lb. .07 - .09½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .12 - .14
Soda, abietate, dms.....lb. .10 - —
Acetate, anhyd., dms., dlvd..lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .06
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11⅛
liquid, 50 gls., dms.....gal. .35 - —
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
58%, bbls., c.l., Zone 2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more. lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms, 4,000 lbs., or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y...100 lbs. 2.76 - —
Bichromate, spot, c.l., works. lb. .06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .12½- .15
Bisulphite, powd., bbls., c.l., bbls., wks.,.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
Solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.60 - —
Carbonate (see Soda ash, soda mesohydrated, soda, sal)
Soda, caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.95 - —
seller's tanks, works, 100 lbs. 1.97½- —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06¾- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .19½- —
cns., 50 lbs.....lb. .21½- —
25 lbs.....lb. .23½- .24½
kgs.. 100 lbs.....lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs.....lb. .28 - —
25 lbs.....lb. .30 - .31
kgs., 100 lbs.....lb. .27 - —
U.S.P., XI, powd., bbls., 250 lbs..lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.. lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns., 160 lbs..lb. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs., and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots.....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., works.100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works.....100 lbs. 2.80 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Oct.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08 - —
l.c.l.....lb. .08¼- .11¼
Soda nitrate l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works. lb. .00½- .10

Red, Scarlet—Sulphur

Soda, pyrophosphate, nyd., c.l., bgs., wks., frt. equal'd.. 100 lbs. 5.90 - —
bbls., c.l., same basis, 100 lbs. 6.10 - —
10,000 lbs. or over, bgs., same basis..100 lbs. 6.25 - —
bbls., same basis.....100 lbs. 6.45 - —
less than 10,000 lbs., bgs., same basis..100 lbs. 6.90 - —
bbls., same basis....100 lbs. 7.10 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works.....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works.....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .05¼- .05¼
import, bbls.....lb. .04½- .05
Stannate, dms.....lb. .29½- .32½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works, 100 lbs. 2.10 - 2.35
bbls.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, soivent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .18 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .12 - .13
Spruce extract, bbls., works...lb. .01⅝- —
tanks, works.....lb. .01¼- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¼- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.50 - 2.70
dlvd., N. Y.....100 lbs. 2.85 - .305
powd., bgs., f.o.b. Chicago, 100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06½- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Staveacre seed, bgs. .....lb. .17 - .18
Stearin, oleo, bbls.....lb. .07¾- .08
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13 - .14
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
Chloride, bbls. .....lb. .13½- —
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .07¾- .08¾
Strophanthds seed, Kombe, bgs.lb. 1.20 - 1.25
Strvraiyi acetate. bots.....lb. 5.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .40 - —
powd., cns., 100-oz. lots...oz. .30 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .57 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .57 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .57 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .68 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .50 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .35 - —
powd., cns., 100-oz. lots, oz. .25 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk., bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.90 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.50 - —
100 lbs.....lb. 1.55 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50

Sulphur—Zinc Oxide

Sulphur, flowers, bgs., c.l., works. 100 lbs. 3.00 - —
bbls., works....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.25 - 3.75
bbls., works....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works. 100 lbs. 2.15 - —
bbls., works....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works. 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works. 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works. 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works. 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works. 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l.....lb. .03 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyle., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 2.50 - —
Sumac, grd., Sicilian, bls....ton.68.00 - —
leaf, bales.....ton.73.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51° bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .01 - .06½
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03½- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-mag. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .07¾- .07¾
extra, loose, works.....lb. .05¼- —
special, loose, works.....lb. .05¼- —
Tallow, vegetable, ship, cs...lb. .07½- .08
sulphonated 35% (24% fat), dms., c.l..lb. .05 - .05½
l.c.l. .....lb. .06 - .06½
50% (43% fat) dms., c.l..lb. .06½- .07
l.c.l. .....lb. .07½- .08
50% (48% fat), dms c.l..lb. .07 - .07½
l.c.l. .....lb. .08 - .09
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 2.75 & .10
unground, 9-11% ammen., 15-20% b.p.l., bulk, unit-ton. 2.75 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.65 & .10
high-grade feeding, bulk, Chicago..unit-ton. 2.85 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship. unit-ton.3.10 & .10 Nom.
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25%, dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .22 - .22½
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .28 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .14 - .15
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .20
5% rotenone, bbls.....lb. .22 - .30
Tin crystals, bbls., kgs.....lb. .35 - .35½
Metal, Straits.....lb. .44¾- —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls..lb. .22½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals. lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd.....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd...lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd.....lb. .15½- —
1,000-9,999 lbs., E. dlvd.lb. .15¾- —
50-999 lbs., E. dlvd. b. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld.lb. .23 - —
Pac. cst., f.o.b. terminal..lb. .23 - —
l.c.l., 5 tons, E. dlvd....lb. .23¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .45
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .30 - .35
root, bls.....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works. lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l. works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms.....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd .....lb. .39 - —
tech., 1, dms., c.l.....lb. .24½- —
500 lbs. dms.....lb. .25 - —
less than 500 lbs., dms..lb. .28 - .39
2, dms., c.l.....lb. .23½- —
500 lbs., dms.....lb. .24 - —
less than 500 lbs.....lb. .27 - .38
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.00
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs. .....lb. 1.85 - 1.95
Turmeric root, Alleppey, bgs..lb. .05½- .06⅝
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .26 - —
l.c.l., 10, ex dock.....gal. .28 - —
5, ex dock.....gal. .30 - —
wood, dest. dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .20 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08¼- .08¾

V

Valerian root, bls.....lb. .09 - .10
Valonia, beards, bgs., shipt..ton.48.00 - —
Cups, bgs., shipt.....ton.32.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 3.90 - 4.50
Mexican, tins.....lb. 4.50 - 5.00
cut, tins.....lb. 3.75 - 4.00
South American, tins.....lb. 3.75 - 3.80
Vanillin, ex eugenol, 25-lb. tins, lb. 2.10 - —
5-lb. tins.....lb. 2.20 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .40 - .41
Tree bark, bls.....lb. .22 - .23
Wattle bark, bgs., shipt.....ton.39.00 -41.00
Extract, bbls. .....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .16¾- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10..lb. .20½- .21
1 bg.....lb. .21 - .21½
Brazil, Chile, bgs., 5-10 tons, lb. .22 - .22½
1 ton.....lb. .22½- .23
500 lbs. .....lb. .24 - .24½
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .32½- .33
Candelilla, bgs., 1 ton.....lb. .15 - .15½
jobbing lots.....lb. .15½- .16
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .33½- .34½
5 bgs.....lb. .34 - .35
1 bg.....lb. .34½- .35½
N. C. 2, bgs.....lb. .37 - .37½
N. C. 3, bgs., 1 ton.....lb. .33½- .34½
5 bgs.....lb. .34 - .35
1 bg.....lb. .34½- .35½
refined, bgs.....lb. .38 - .38½
yellow, No. 1, bgs., 1 ton..lb. .42½- .43
5 bgs.....lb. .43 - .43½
1 bg.....lb. .43½- .44
No. 2, bgs.....lb. .41½- .42
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¾- .11
Montan, bgs., c.l.....lb. .11¾- —
5 tons.....lb. .11¾- .11¾
less than 1 ton.....lb. .11¾- .12½
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs. .....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.59 - —
dms., 50 lbs., or more...lb. 1.46 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.14.60 -16.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .08 - .09

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....lb. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .38

Y

Yara yara, crystl., cns.....lb. 1.25 - 1.30
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.75
lithopone, all shades, bbls, 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .85 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. coast, for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import..lb. .02475- —
New York (f.o.b.)...lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .02¾- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle....lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York .....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. .....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06¾- —
l.c.l., works .....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .08½
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd., lb. .21 - —
USP., bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
c.l., bgs., cs.....lb. .13 - —
Arsenite, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
W. of Rockies, bgs....lb. .12½- —
l.c.l., bgs., cs.....lb. .13 - —
W. of Rockies, bgs ..lb. .12¾- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls..lb. .21 - —
dms. .....lb. .26 - —
kgs. .....lb. .23 - —
Chloride, fused, dms., c.l., works 100 lbs. 4.25 - —
l.c.l., works.... 100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25 lb. jars.....lb. .31 - —
solut., dms., wks.....lb. .04¼- —
tanks .....lb. .0226- —
Cyanide, kgs., works.....lb. .33 - —
Dust bbls., c.l., dlvd.....lb. .0695- —
l.c.l., bbls., dlvd.....lb. .0745- —
Fluoride bbls .....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, comi., lead free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06¾- .07¾
ex whse., Pac. cst., lb. .06¼- .07¾
bbls., c.l., dlvd...lb. .06½- .07¾

Zinc, oxide, pigment, dom., Amer. comi., lead – free, bbls., l.c.l., dlvd., except Pac. cst..lb. .06⅝- .08
ex whse., Pac. cst..lb. .06⅝- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except ex whse.,Pac. cst.lb. .06⅝- —
bbls., c.l., dlvd....lb. .06⅝- —
l.c.l., dlvd., except Pac. cst..lb. .06⅝- —
ex whse., Pac. cst.lb. .06⅝- —
85%, bgs., c.l., dlvd.lb. .0590- —
l.c.l., dlvd., except Pac. cst..lb. .0615- —
ex whse., Pac. cst. lb. .0615 - —
bbls., c.l., dlvd....lb. .0615- —
l.c.l., dlvd., except Pac. cst..lb. .0640- —
ex whse., Pac. cst. lb. .0640- —
50%, bgs., c.l., dlvd. lb. .0592- —
l.c.l., dlvd., except Pac. cst..lb. .0617- —
ex whse., Pac. cst.lb. .0617- —
bbls., c.l., dlvd.....lb. .0617- —
l.c.l., dlvd., except Pac. cst..lb. .0642- —
ex whse., Pac. cst.lb. .0642- —
French process, com'l lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07⅝
ex whse., Pac. cst.lb. .06½- .07⅝
bbls., c.l., dlvd.....lb. .06½- .07⅝
l.c.l., dlvd., except Pac. cst..lb. .06⅝- .08
ex whse., Pac. cst.lb. .06⅝- .08
green seal, bgs., c.l., dlvd.. lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst..lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst..lb. .08½- —
red seal, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07⅝- —
ex whse., Pac. cst..lb. .07⅝- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd., lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08⅝- —
ex whse., Pac. cst..lb. .08⅝- —
bbls., c.l.....lb. .08⅝- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - —
Import, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
USP, bbls.. c.l.....lb. .09½- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
U.S.P., bbls.....lb. .21 - .23
Sulphate, cryst., bgs., c.l.100 lbs. 2.75 - —
l.c.l. .....100 lbs. 3.50 - —
bbls., c.l. .....100 lbs. 2.90 - —
l.c.l. .....100 lbs. 3.65 - —
flake, bgs., c.l. .....100 lbs. 3.10 - —
l.c.l. .....100 lbs. 3.85 - —
bbls., c.l. .....100 lbs. 3.25 - —
l.c.l. .....100 lbs. 4.00 - —
l.c.l. .....100 lbs. 5.10 - —
bbls., c.l. .....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.25 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .08⅝- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08⅝- —
bbls., c.l. (20 tons), dlvd..lb. .08⅝- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08⅞- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 6.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., work.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.75.00 -100.00
kgs., small lots, works...lb. .04½- .04½
white, 99%, rgd., kgs., works, lb. 1.40 - 1.52

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn dms., lots of 10, works. lb. .10 - —
single dms., works.....lb. .12 - —
5 gal. cans, works.....lb. .17 - —
Aroclors, distilled, dms., c.l., works..lb. .23 - —
ton lots, works.....lb. .25 - —
single dms., works.....lb. .27 - —
undistilled, dms., c.l., works, lb. .18 - —
ton lots, works.....lb. .20 - —
single dms., works.....lb. .22 - —

B

Bakelite, gooks, BK, 3962, XK 6791, dms., 30,000 lbs.,works.lb. .22½- —
15,000 lbs., works.....lb. .23 - —
5,000 lbs., works.....lb. .23½- —
lacquer, XR 2342, dms., 30,000 lbs, works..lb. .38 - —
15,000 lbs., works.....lb. .38½- —
5,000 lbs., works.....lb. .39 - —
3180, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
4357, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
9448, dms., 30,000 lbs., works..lb. .35 - —
15,000 lbs., works.....lb. .36 - —
5,000 lbs., works.....lb. .37 - —
Bakelite, phenolic, 100%, BR, 254, bbls., 30,000 lbs., work..lb. .45 - —
15,000 lbs., works...lb. .46 - —
5,000 lbs., works...lb. .47 - —
1529, bbls., 30,000 lbs., works..lb. .28 - —
15,000 lbs., works...lb. .29 - —
5,000 lbs., works...lb. .30 - —
2987, bbls., 30,000 lbs., works lb .32 - —
15,000 lbs., works...lb. .33 - —
5,000 lbs., works....lb. .34 - —
3360, bbls., 30,000 lbs., works..lb. .38 - —
15,000 lbs., works...lb. .39 - —
5,000 lbs., works....lb. .40 - —
4006, bbls., 30,000 lbs., works..lb. .55 - —
15,000 lbs., works...lb. .56 - —
5,000 lbs., works....lb. .57 - —
4036, bbls., 30,000 lbs., works..lb. .40 - —
15,000 lbs., works...lb. .41 - —
5,000 lbs., works....lb. .42 - —
6882, bbls., 30,000 lbs., works..lb. .42½- —
15,000 lbs., works...lb. .43½- —
5,000 lbs., works....lb. .44½- —
8900, bbls., 30,000 lbs., works..lb. .48 - —
15,000 lbs., works...lb. .49 - —
5,000 lbs., works....lb. .50 - —
9476, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works....lb. .25 - —
XR, 4503, dms., 30,000 lbs., works..lb. .56 - —
15,000 lbs., works...lb. .57 - —
5,000 lbs., works....lb. .58 - —
modified, BR 302, dms., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works...lb. .26½- —
5,000 lbs., works...lb. .27 - —
2072, bbls., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
2175, cns., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
2963, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works...lb. .25 - —
solutions, XJ, 180, dms., 30,000 lbs., works..lb. .179 - —
15,000 lbs., works.....lb. .184 - —
5,000 lbs., works.....lb. .189 - —
431, dms., 30,000 lbs., works, lb. .226 - —
15,000 lbs., works.....lb. .231 - —
5,000 lbs., works.....lb. .236 - —
2681, dms., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23 - —
3100, dms., 30,000 lbs., works..lb. .19½- —
15,000 lbs., works.....lb. .20 - —
5,000 lbs., works.....lb. .20½- —
6000, dms., 30,000 lbs., works..lb. .26½- —
15,000 lbs., works.....lb. .27 - —
5,000 lbs., works.....lb. .27½- —
6589, dms., 30,000 lbs., works..lb. .26½- —
15,000 lbs., works.....lb. .27 - —
5,000 lbs., works....lb. .27½- —
7506, dms., 30,000 lbs., works. lb. .30 - —
15,000 lbs., works.....lb. .30½- —
5,000 lbs., works.....lb. .31 - —
8263, dms., 30,000 lbs., wks. lb. .22 - —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23 - —
8264, dms., 30,000 lbs., works..lb. .21½- —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23½- —
8344, dms., 30,000 lbs., works..lb. .383 - —
15,000 lbs., works.....lb. .393 - —
5,000 lbs., works.....lb. .403 - —
9405, dms., 30,000 lbs., works..lb. .53 - —
15,000 lbs., works.....lb. .54 - —
5,000 lbs., works.....lb. .55 - —

C

Cumar, AX, dms., works.....lb. .06 - —
BX, dms., works.....lb. .06 - —
CX, dms., gross weight, works, lb. .06 - —
DX, dms., gross weight, works, lb. .04 - —
EX, dms., gross weight, works, lb. .04 - —
FX, dms., gross weight, works, lb. .05 - —
MH, col. ½, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
MS, dms., works.....lb. .10 - —
P, 10°-90° C., col. 3 and darker dms., works..lb. .10½- —
RH, dms., works.....lb. .10 - —
RS, dms., works.....lb. .10 - —
special soft, dms., works...lb. .10 - —
V, col. ½, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
W, col. ½, dms., works.....lb. .13 - —
1, dms., works.....lb. .12 - —
1½-2, dms., works.....lb. .11 - —
2½ and darker, dms., works, lb. .10 - —

Cumar prices include frt. equald. with Pittsburgh; prices on contracts terminating December, 1938, are ¼c. per pound lower.

D

Durez, 202, dms., 36,000 lbs., works..lb. .42 - —
l.c.l., works .....lb. .44 - —
210, dms., 36,000 lbs., works.lb. .15 - —
l.c.l., works .....lb. .16 - —
extra pale, 36,000 lbs., works, lb. .15½- —
l.c.l., works .....lb. .16½- —
500, dms., 36,000 lbs, works, lb. .32 - —
l.c.l., works .....lb. .33 - —
525, dms., 36,000 lbs., works, lb. .24 - —
l.c.l., works .....lb. .26 - —
550, dms., 36,000 lbs., works, lb. .29 - —
l.c.l., works .....lb. .30 - —

Durez c.l. prices also apply on mixed cars; three-month contracts are for price protection only; for Pacific Coast and Gulf points, ex warehouse, add 3c. per lb.

Durite,1,301 dms., 1 ton, frt.alld.lb. .30 - —
smaller lots, frt. alld....lb. .35 - —

G

G, resin, dms., gross weight, works..lb. .06½- —

G resin prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Guai-a-phene, 10-gal. cns., works, gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn, dms., lots of 10, works. lb. .15 - —
single dms., works.....lb. .17 - —
cans, works.....lb. .22 - —

K

Kadox (zinc oxide), black or red label, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd. E. of Rockies.lb. .06⅝- —
Pac. cst., ex whse.....lb. .06⅝- —
bbls., c.l., dlvd.....lb. .06¾- —
l.c.l., dlvd. E. of Rockies.lb. .07 - —
Pac. cst., ex whse.....lb. .07 - —

N

Nevillac, dms., works.....lb. .17 - —

Nevillac prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13 - —
R-3, nevindene, col. 1, dms., works..lb. .12 - —
R-5, nevindene, col., 1½-2, dms., works..lb. .11 - —
R-6, nevindene, col., 2½-3½, dms., works..lb. .10 - —
R-7, N.P.S., col. below 3, dms , works..lb. .12 - —
R-8, N.P.S., col. below 3, dms., works..lb. .12½- —
R-9, hard, col. ½, dms., works. lb. .12 - —
R-10, hard, col., 1, dms., works..lb. .11 - —
R-11, hard, col. 1½-2, dms., works..lb. .10 - —
R-12, hard, col. 2½ and darker, dms., works..lb. .09 - —
R-13, medium, col. ½, dms., works..lb. .12 - —
R-14, medium, col. 1, dms., works..lb. .11 - —
R-15, medium, col. 1½-2,dms., works..lb. .10 - —
R-16, medium, col. 2½ and darker, dms., works..lb. .09 - —
R-17, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-19, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-21, soft, col. 3½-8, dms., works..lb. .10 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .10 - —
R-27, medium soft, col. 1, dms., works..lb. .12½- —
R-28, medium soft, col. 1½-2, dms., works..lb. .11½- —
R-29, medium soft, col. 2½ and darker, dms., works..lb. .10½- —
R-41, phenester, col. 3½-5, dms., works..lb. .17 - —

Neville resin prices are freight equalized with Phila.; prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Nevillite, lump, prime white dms., works..lb. .75 - —
straw, dms., works.....lb. .65 - —
water white, dms., works..lb. .85 - —
oil, dms., works.....lb. 1.50 - —

Trade Briefs

American Agricultural Chemical Company has applied to the New York Stock Exchange to list 627,987 shares of its no par common stock.

Pittsburgh Chemical Company, Los Angeles, Calif., plans the erection of a factory building at 3200 East Twenty-sixth street at a cost of $2,500.

Japan Iodine Export Association held its initial meeting in Osaka recently, with twenty-nine representatives of iodine companies in attendance.

L. K. Requa, Santa Barbara, Calif., has taken over the Osa Anna quicksilver property sixteen miles west of Weiser, Idaho, and will develop it.

Clean Up—Paint Up Campaign, conducted by the Chicago Association of Commerce, reported a total of 7,281,644 cleaning, painting, lighting, planting, repairing and miscellaneous jobs. Of these the total number of strictly painting jobs reported by the schools was 767,184.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Aluminum powders:—Agency; Rio de Janeiro, Brazil (7892).

Bronze powders:—Agency; Rio de Janeiro, Brazil (7892).

Animal dips:—Agency; Bogota, Colombia (7890).

Carbons:—Purchase and agency; Melbourne, Australia (7907).

Dry colors:—Agency; Rio de Janeiro, Brazil (7892).

Drugs:——Agency; Rio de Janeiro, Brazil (7892).

Essential oils:—Agency; Rio de Janeiro, Brazil (7892).

Fungicides: Agency; Bogota, Colombia (7890).

Fertilizers:—Agency; Bogota, Colombia (7890).

Ink, printing:—Agency; Saloniki, Greece (7903) (7896).

Insecticides:—Agency; Bogota, Colombia (7890).

Intermediates coaltar:—Agency; Rio de Janeiro, Brazil (7892).

Medicines, proprietary:—Agency; Rangoon, Burma (7896).

Medicines, proprietary:—Agency; Panama city, Panama (7936).

Petroleum jelly:—Purchase and agency; Warsaw, Poland (7948).

Petroleum jelly:—Purchase; Warsaw, Poland (7953).

Rubber preservatives: — Agency; Warsaw, Poland (7953).

Soda cyanide:—Purchase; Manila, P. I. (7891).

Toilet preparations:—Agency; Athens, Greece (7930).

Toilet preparations:—Agency; Rio de Janeiro (7892).

Varnishes:—Agency; Rio de Janeiro, Brazil (7892).

Zinc oxides: — Purchase and agency; Melbourne, Australia (7907).

Zinc Oxide—Vinylite

Nevinol, dms., works.....lb. .15 - —
2 heavy, dms., works.....lb. .11 - —
Nuba, 1, 80°-95° C., dms., gross weight, works..lb. .03 - —
2, 100°-125° C., dms., gross weight, works..lb. .03 - —
3, 135°-150° C., dms., gross weight, works..lb. .04 - —

Nuba resin prices are freight equalized with Phila.; prices on contracts terminating December, 1938, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 4%, dms., dlvd. E. of Kas. City.....lb. .19½- .21½
6%, dms., same basis.....lb. .24½- .26½
8%, dms., same basis.....lb. .32½- .34
10%, dms., same basis.....lb .43 - .45½
Cobalt 3%-lead 30%, dms., same basis..lb. .20 - —
cobalt 1%-zinc 10%, dms., same basis..lb. .22½- —
copper, 4%, dms., same basis.lb. .12 - —
6%, dms., same basis.....lb. .14 - .16
iron, 4%, dms., same basis...lb. .11 - —
6%, dms., same basis.....lb. .13 - —
10%, dms., same basis.....lb. .21 - —
lead, 16%, dms., same basis..lb. .10½- .11⅛
24%, dms., same basis.....lb. .14 - .15
32%, dms., same basis.....lb. .16 - .20
34%, dms., same basis.....lb. .19 - .20
lead 30%—cobalt 3% (see Cobalt).
lead 30%—manganese 5% (see Manganese).
manganese, 4%, dms., same basis..lb. .12½- —
6%, dms., same basis.....lb. .13 - .14
8%, dms., same basis.....lb. .18 - .19
10%, dms., same basis.....lb. .22 - —
manganese 3%—lead 30%, dms., same basis..lb. .17 - —
mercury, 25%, dms same basis..lb. .55 - —
zinc, 5%, dms., same basis..lb. .13 - .14
8%, dms., same basis.....lb. .16½- .17½
12%, dms., same basis.....lb. .22 - .23
zinc 10%—cobalt 1% see (Cobalt).

P

Paradene, dms., gross weight, wks., frt. equal, with Phila. lb. .04 - —
P.H.O., dms., works.....lb. .19 - —
Pilolite, milled, dms., 1 ton, works..lb. .75 - —
smaller lots, works.....lb. .79 - —
unmilled, dms., 1 ton, works.lb. .66 - —
smaller lots, works.....lb. .69 - —

S

Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.35.00 - —

T

Tornesit, bgs., ton lots, works..lb. .37 - —

V

Vinylite, AYAA, AYAF, AYAT, dms 200 lbs., f.o.b. cars, works, frt. paid by seller to destination, E. of Mississippi river..lb. .45 - —
smaller lots, works.....lb. .60 - —
VYHF, dms., 200 lbs., works, lb. .55 - —
smaller lots, works.....lb. .65 - —
VYHH, dms., 200 lbs., works.lb. .57 - —
smaller lots, works.....lb. .67 - —
VYNT, dms., 200 lbs, works..lb. .75 - —
smaller lots works.....lb. .85 - —
VYRR, dms., 200 lbs., works.lb. .55 - —
smaller lots, works.....lb. .65 - —

U.S. Revenue Returns Show Increase in August

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for August, 1938, compared with August, 1937, as follows:—

Taxes Collected

	August 1938.	August 1937.
Chewing gum....	$16,107.20	$100,937.55
Crude petroleum, processed, etc..	35,062.50	88,503.90
Coconut, etc., oils, processed	2,057,604.65	1,727,063.54
Distilled spirits, domestic, excise tax $2 per gallon	15,855,925.62	15,978,911.46
Distilled spirits, imported, excise tax $2 per gallon	1,393,274.11	1,905,575.92
Gasoline	19,369,069.70	13,721,866.20
Lubricating oils..	2,437,055.21	1,809,342.83
Matches	21,727.39	451,623.40
Narcotics, including special taxes	20,785.40	27,205.00
Oleomargarin, excise taxes.....	67,012.43	73,579.10
Oleomargarin, special taxes.....	193,330.22	157,583.17
Toilet preparations—		
At 5 percent....	287,910.57	492,150.98
At 10 percent...	614,957.85	540,132.14
Transportation of oil by pipeline..	1,079,931.08	1,277,829.02
Total internal revenue	$362,286,330.83	$336,124,858.45

Quantities Taxed

	August 1938.	August 1937.
Distilled spirits, domestic tax gallons.....	7,054,017	8,079,920
Distilled spirits, imported, tax gallons...	652,519	991,014
Distilled spirits, rectified, proof gallons....	2,033,730	2,193,447
Oleomargarin, colored, pounds	38,848	45,720
Oleomargarin, uncolored	25,251,052	27,383,200

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc., Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 59 John Street, New York, New York. Telephone JOhn 4-2357. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1938, by Oil, Paint and Drug Publishing Company, Inc.

Vol. 134 October 3, 1938 Number 14

Business and The Public

In the desires and plans of business—usually designated as industry, although the need is no less in the commerce division—for the promotion of public relations effort should be as much directed to the improving of the profit system as to its maintenance. What the system does will be more impressive, more effective than the most convincing presentation of what it is and how it serves.

It must not be overlooked in endeavors to develop better public relations for business that government is representative of the public; hence a very big item of its public relations are the relations of business with government. The two are inseparable. And, while the greater promise of success in both respects is in direct efforts in connection with the general public, some effort must be made to work from the other end. The time that would be required for the influence on the public to be reflected in its governing representatives can be shortened by making an earnest endeavor to get a better understanding, a better relationship with government direct.

There is a timely and important sermon in this statement by an able and prominent industrial executive at the recent management congress:—

> Management should willingly offer its talents and services to government, because management is the only source from which government can get the necessary talent to operate its many activities efficiently.

While government is to be expected to recognize the rights of business, as well as its ability, the best way in which this expectation can be realized is for business to prove by practical example that it can serve government, as well as the public which government represents, better than it can be served by the talents of those who would have government, and through it the public, regard business as an obstructive force. That impression must be combated close to home.

Doing this will carry business farther and faster toward desirable public relations, than will the best talking. There are many things to be done. There are many handicaps to be lifted from their doing. Hence no public relations work can disregard relations with government and succeed.

Cooperation in Economic Study

There is growing evidence that business leaders recognize the importance of properly developed and demonstrated relations with government in connection with the almost universal desire to place business in a desirable light before the public. Much of this evidence is presented in the attitude of business leaders toward the governmental economic study popularly referred to as the investigation of monopolies. It is to be noted that this attitude has been specially promoted by the evidently serious statements of those engaged in the economic study that their purpose is to clarify the regulative relations of government to business and to make these effective where they are necessary, with a minimum of harassment for business as a whole.

The governmental policy in earlier endeavors to promote business recovery has been too largely based on the inevitable fact that the enforcement of laws to regulate business must chiefly, if not wholly, develop impressions of the bad aspects of business, rather than bring out its good points. Unfortunately government has not displayed any marked inclination to be adequately informed of the good side of business, and business has been reluctant to endeavor to break down the obvious antagonism, fearing that the consequences would be an aggravation of the punitive policy.

The evidence that government is not hunting for inherent ills of business, but is earnest in its intention to learn even in what respects its own policies are a brake on business recovery, is welcome. It is encouraging. It should engender earnest cooperation, without which the purpose of the economic study cannot be effectuated.

—O-P-D—

Distributive Efficiency

There is no question that the development of greater efficiency in distribution is a most important item in the biggest problem of business — that of improving its relations with the public. The contact of business with the public is in distribution. The value of the services of business—industry and commerce—is calculated by the public on the basis of how these services meet its needs and desires as consumers. Far too little consideration is being given to this direct result of public contact in the study of improved public relations by business. Sentiment, or some sort of emotion, has a disproportionate place in what should be regarded as a matter of common sense and dollars and cents.

The public is not able to appraise the efficiency of distribution, in spite of its close contact with the results. This is the reason why so-called "efficiency" can be "sold" to the public by bargain-baiters whose operations are no less costly than are those of the average competitor whom they set up as an inefficient gouger.

The inefficiency of distribution, unquestionably existing, is not so costly as it is pictured by a certain school of economists. This is not a good reason why it should be disregarded by business. It is a reason, however, why business should intensively engage in a campaign of public education that will show the actual costs of various types of distributive services and show clearly where every dollar of those costs goes in the revolving fund that is the aggregate income of the community and the nation.

This leaves for equal consideration and remedial treatment the measure of inefficiency that does exist. Diagnosing this business ailment, while not a simple task, is not an impossible one. Remedying it is far more difficult, because this requires the taking of a hard-sense view of such things as the cost of financial failures among distributors, the burdening of the public with an unnecessary cost to maintain the right of every man to seek a livelihood in whatever field he may desire, and other things which are now evaluated emotionally, rather than realistically.

The biggest need in the remedying of the inefficiency of distribution is for the adoption by manufacturers and wholesalers of a "hard-boiled" attitude toward retailers. Not that fair treatment should be denied; not that the manufacturer or the wholesaler should be narrowly selfish, seeking immediate profit, rather than continued stability of business; not that credit should be inflexibly contracted; but, that it should be made perfectly clear that every distributor must manifest a plain purpose and perceptible ability to stand on his own feet.

—O-P-D—

Value of Sales Turnover

One of the most frequently stressed factors in a typical discussion of distribution problems is the rate at which a certain distributor, or class of distributors, turns over the stock of various groups of products. The point of the emphasis usually is that the higher the turnover the greater the efficiency of the distributor—or the more desirable, from his point of view, of the article sold. This reasoning, as usually presented, very often does little other than add to the indefiniteness of the distributive system.

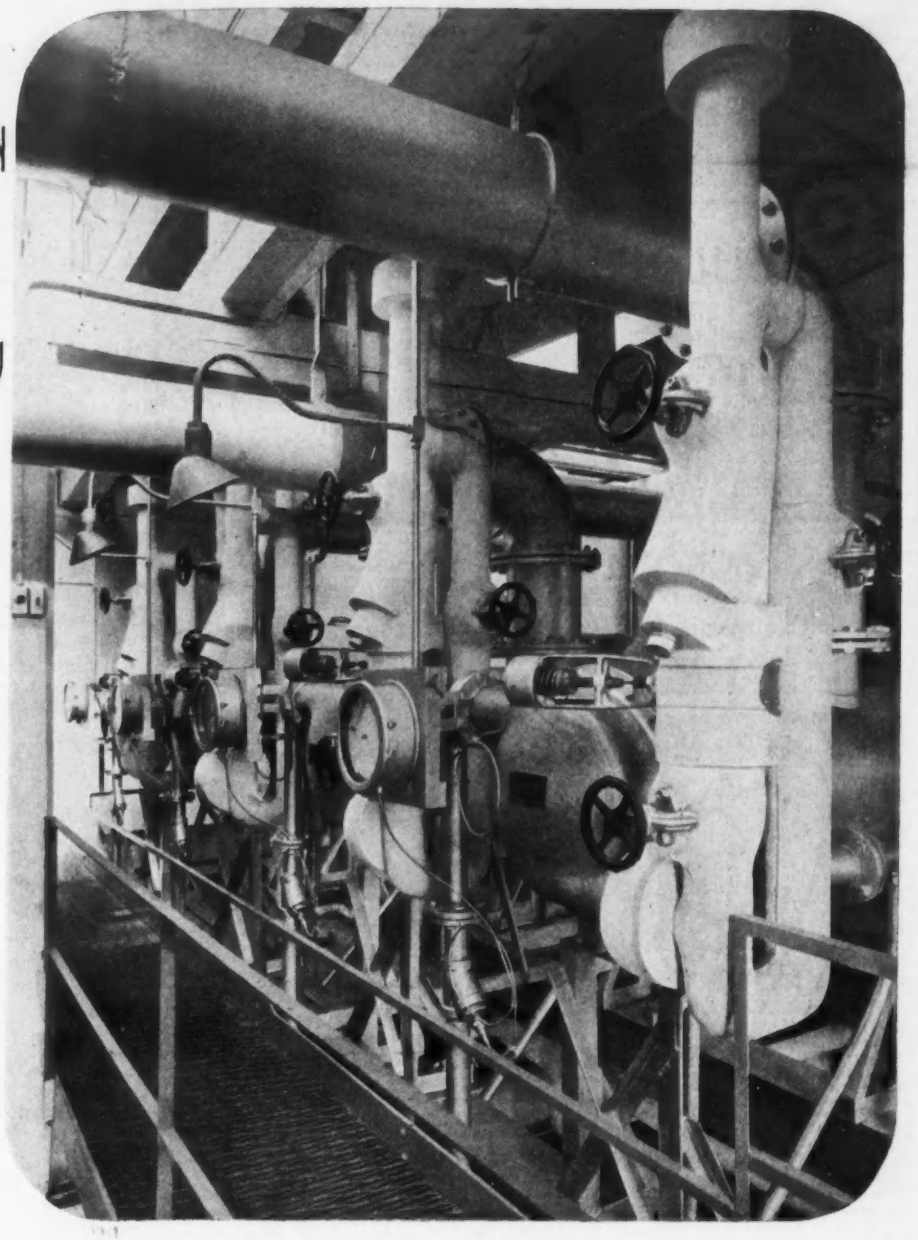
If the income of a distributor were calculable in terms of percentage return on the amount he has invested in goods in his store, the turnover factor would be a simple one, and mathematically correct in respect of the superiority of rapidity. The distributor's income being wholly a matter of dollars and cents, turnover is something that must be defined in terms of the individual circumstances.

A distributor who carries an average of, say, one dozen articles in the typically moving portion of his stock could double his turnover by reducing this average to half a dozen. But, even though he could purchase the smaller quantities at the same unit price, he would not make any more money on a year's sale of the goods. Because he can usually get goods in lots of one dozen at some saving in laid-down cost, he is operating more efficiently, insofar as his profits are concerned, at the lower rate of turnover. The only advantage he has in buying so as to speed up his turnover is that of requiring a smaller investment in inventory. Whether this is an actual advantage depends on individual circumstances.

With respect to rate of turnover, as is true of all business operations, the maximum is not always the optimum in the sense of efficiency or profitableness. The best turnover is that which pays most in dollars and cents earned in a given period, a year being, perhaps, the desirable time. Money tied up in goods that can be turned but once in a year may be a better investment, because of larger profits, than a relative sum which can be turned over every month. Rate of turnover, in itself, has no value. Stress of circumstances give it whatever value it may have in practice. Unless properly qualified to actual conditions, rate of turnover is a vague fetich, which serves more to perpetuate than to solve the fundamental problems of distribution.

CITRIC ACID

powdered
granular
crystals
anhydrous



ESTABLISHED 1849

PFIZER QUALITY

CHAS. PFIZER AND COMPANY INC.

Manufacturing Chemists

81 MAIDEN LANE, NEW YORK, N.Y.

• • •

444 W. GRAND AVE., CHICAGO, ILL.

• • UNIFORMITY — THE ESSENCE OF QUALITY • •

TURNER
PHOSPHORIC ACID
(BY-PRODUCT MATERIAL)
Available in Tank Cars and Drums
JOSEPH TURNER & COMPANY
83 EXCHANGE PL. PROVIDENCE
RIDGEFIELD, N. J. 630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

SULPHURIC ACID
DRUMS CARBOYS TANK WAGONS
LIQUID CAUSTIC SODA
DRUMS TANK WAGONS
A. H. MATHIEU & COMPANY
7-11 Getty Avenue - - Paterson, N.J.
Telephone SHerwood 2-3080-1-2
140 Tremont Street - - Everett, Mass.
Telephone EVerett 2731

...a dependable source of supply
CAUSTIC SODA
Stauffer
BORIC ACID . CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR
CHLORIDE : SULPHUR : SILICON TETRACHLORIDE
CREAM OF TARTAR : SULPHURIC ACID : CARBON
BISULPHIDE : TARTARIC ACID : WHITING
STAUFFER CHEMICAL COMPANY
320 California St. San Francisco, Cal.
3710 Grayhar Bldg. Carbide and Carbon Bldg. Chicago, Ill.
New York, N.Y.
Rives-Strong Bldg. Los Angeles, Cal.
Freeport Texas
Stauffer

Exclusive Distributors for DUVAL TEXAS SULPHUR COMPANY
ASHCRAFT-WILKINSON CO.
ATLANTA, GEORGIA
Charleston, S. C. Jacksonville, Fla. Wilmington, N. C. Norfolk, Va Jackson, Miss.
SULPHUR
99½% Pure
Shipments from Boling Dome and
A new production from ORCHARD DOME
Heavy Chemicals and Fertilizer Materials

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

Heavy Chemicals

Improvement Noticeable Despite Unfavorable Influences—Alkalies And Cyanides Gain—Antimony Advanced—Lead Arsenate Reduced—Tin Salts Firmer

Improvement in the demand for heavy chemicals was not entirely lacking last week. Evidence of slow but fairly substantial improvement in basic consuming industries was prevented from reflecting its entire influence by the uncertainty created in the tense European situation. Conditions were still far from normal in the storm stricken northeastern section, but rehabilitation work was expected to influence the demand shortly. Meanwhile, the local trucking strike hampered shipments in the metropolitan area, although prospects of an amicable settlement loomed as a distinct possibility. Changes in the market included an advance for domestic spot antimony, Straits tin, soda stannate, tin crystals and anhydrous tetrachloride of tin; lower quotations were recorded for lead arsenate, east of the Rockies.

While the consumers industries such as textile and leather continue to provide the chief stimulus to the market, increasing evidence of an upturn in steel, automobiles, glass, paper and rubber has given the market support from these heavy goods industries. Cyanides, nickel salts, chromic and battery acid received improved attention from the automotive accessory field. Soda ash, caustic soda and alums were moving at moderately improved levels to various large consuming channels. Soda bicarbonate shipments were holding at substantially good levels. Bleaching powder and chlorine were in demand from the flood stricken areas where heavy chlorination was ordered because of water contamination. Attention continued to be directed toward manganese ore because of the heavy European withdrawals recently. Some of the barium salts, ammonia nitrate and potash chlorate were watched closely because of developments abroad. Saltpeter received more attention from meat packers and tobacco processors. A slight broadening in demand for sulphuric acid was reported. Antimony metal was advanced to corresponding with the higher world metal prices. A reduction in the schedule quotations for lead arsenate featured an otherwise dull market for agricultural insecticides and fungicides. Tin salts were fractionally higher, reflecting the firmer tone in the basic metal.

Threats of war brought the most consternation to importers and shippers, with the problems of supplies, uncertain currency fluctuations and heavy war risk insurance. Increased inquiries from abroad were reported, but very little buying has materialized as yet.

Alums.—A gradual improvement in the paper industry was reflected to a certain extent in better withdrawals of alums, while the call from water treating, tanning and textile channels was fairly well maintained. Movement of alumina sulphate, commercial and iron-free, ammonia and potash alums supplied the bulk of the business. Quotations were without change. August imports of alumina sulphate amounted to 48,578 pounds, valued at $499, of which 24,811 pounds came from Belgium and 23,767 pounds from Germany.

Ammonia, Aqua.—Business in the northeastern section was somewhat retarded by flood conditions, otherwise the market received fair buying support from other sections last week. Prices failed to display any alteration.

Ammonia Nitrate.—The market failed to display any particular activity last week, with consumers limiting commitments to nearby requirements. However, considerable interest was manifest in the unsettled international situation. Prices ruled unchanged. August imports totaled 666,008 pounds, valued at $9,829, of which 572,000 pounds came from Belgium and 94,008 pounds from Norway.

Ammoniac, Sal. — A moderate improvement was reported from the dry battery and metallurgy consuming channels for the white and gray material. Prices were in line with the previous period. August imports aggregated 260,542 pounds, valued at $6,348, of which 159,131 pounds came from Germany; 44,092 pounds from Belgium and 57,319 pounds from Poland and Danzig.

Antimony.—Quotation for domestic spot antimony metal was advanced ½c. per pound to the 11¾c. per pound level. The only reason given for the recent advance was the fact that the metal has been lagging behind the world prices for other metals. Demand was slightly improved because of seasonal activity in some consuming lines. The antimony production in Hunan in August was estimated at 500 long tons of regulus, 100 of crude and 25 of oxide. At the end of August stocks at the mines totaled about 40 tons of regulus, no crude or oxide; at Changsha, 232 of regulus, 245 of crude, and 40 of oxide; and there were no stocks at Hankow. Shipments in August from Changsha by rail southward were 145 tons of regulus, 300 of crude and no oxide; there were no shipments from Hankow in August. Declared exports to the United States at Hankow in August totaled 25 tons of regulus, according to a cable from the American consulate in Hankow.

Arsenic.—Withdrawals of white arsenic were reported at fair levels, the glass and ceramic trades were displaying a little more interest, while commitments in the red material were held to small quantities. Quotations were steady to firm. August imports of white arsenic totaled 2,480,393 pounds, valued at $58,824, of which 2,000,128 pounds came from Mexico; 223,990 pounds from Germany; 115,800 pounds from Japan; 100,807 pounds from Sweden; 30,128 pounds from Canada and 9,500 pounds from Belgium. Imports of red arsenic during August amounted to 11,023 pounds, valued at $1,509, all of which came from Belgium.

Barium Salts.—Interest was attached to developments abroad insofar as they affect importations of some of the barium compounds. Business was reported along routine lines from the ceramic trade for the carbonate and chloride; dioxide received fair buying support and small quantities made up the call for the nitrate and chlorate. Quotations were without alteration. August imports of barium compounds aggregated 80,382 pounds, valued at $2,366, all of which came from Germany.

Bleaching Powder.—The market received a fair share of attention from usual consuming sources last week. The call for disinfectant and sanitation purposes was expected to show some improvement from the flood stricken states. A steady to firm price tone prevailed. August imports were 212,701 younds, valued at $6,132, of which 99,000 pounds came from the United Kingdom; 69,060 pounds from Germany and 44,641 pounds from the Netherlands.

Blue Vitriol.—Demand for commercial and export purposes provided the bulk of the business in this direction

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony, metal, ½c. per lb.
Soda stannate, ½c. per lb.
Tin, Straits, 1¼c. per lb.
crystals, ½c. per lb.
tetrachloride, anhy., ½c. per lb.

Reduced

Lead arsenate, E. of Rockies, 1½c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
146.6	148.5	148.8	154.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.7

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

again last week. Sellers could point to a well diversified demand. The tone of the market continued firm. British exports of blue vitriol, which have shown a decline in recent years, registered a slight improvement during the first seven months of 1938 with deliveries of 25,098 long tons, compared with 21,360 tons in the corresponding period of 1937.

Calcium Chloride.—The market received only a moderate amount of attention from miscellaneous consumers, while the withdrawals for ice and dust control work was experiencing an in-between season, although active preparations are being made for the winter season. Prices were without change. August imports amounted to 369,852 pounds, valued at $2,163, all of which came from Germany.

Chlorine.—State health departments were making surveys of the flood stricken areas where water supply had been contaminated, and heavy chlorination was ordered at various points. Aside from the demand for sanitation purposes, a broadening in the operations of the paper industry augured well for increased commitments. Operations in paper mills were estimated at 80.9 percent of capacity, compared with 79.4 percent in the previous week and 81.9 percent in the corresponding period a year ago. A steady to firm price tone continued to prevail.

Cobalt Oxide.—Commitments were held to small quantities as a rule in this market last week. There was nothing new to report in the prices. August imports aggregated 15,800 pounds, valued at $23,258, of which 13,350 pounds came from Germany and 2,450 pounds from France.

Copper.—Dealings in the domestic copper market were along routine lines for the most part last week, and prices remained unchanged. Attention was directed on the export market where price fluctuated in a wide range because of the changes in the sterling price, and quotations were reported from 10.02c. per pound to 10.46c. per pound. The heavy war risk insurance imposed on shipments of copper from this country interfered with sales. Business was reported at comparatively good levels, however, although Japan was not such a big factor; Russia, Germany and Czechoslovakia were making the majority of the commitments. Foreign shipments of copper from the United States in August including copper which had been brought into this country for refining and subsequent exportations were valued at $7,472,392 and continued at much the same high level as that set in July, when exports were valued at $7,988,321 and were well above the $6,899,683 trade of August, last year, according to the Metals and Mineral Division, Bureau of Foreign and Domestic Commerce.

Fluorspar. — The market received moderate attention from the metallurgical and ceramic trade throughout the past week. There was nothing new to report in the prices, and a steady to firm tone remained in evidence.

Manganese Ore.—The tense international situation directed more attention to this market than heretofore. Reports reveal that recently large commitments were made by European countries for armament purposes. Manganese ore exports from Rio de Janeiro during June, 1938, totaled 17,465 long tons, of which 9,845 tons went to Antwerp, 5,200 tons to Rotterdam and the balance to Stettin, Germany. Stocks on hand on June 30 at Rio de Janeiro amounted to 33,960 tons, according to the vice-consul at Rio de Janeiro. August imports of manganese compounds to this country totaled 24,631 pounds, valued at $1,381, of which 13,431 pounds came from Germany and 11,200 pounds from the United Kingdom.

Nickel Salt.—Interest in the market showed some measure of improvement, with the plating trade displaying a more active demand for the account of the automotive industry, and the increased building activity has created some demand for the account of the plumbing industry. Prices were well maintained.

Potash Carbonate.—Improvement from some consuming sources was reported in this direction again last week, with the chief interest coming from the glass, soap and textile trades. Prices were unchanged. August imports totaled 48,795 pounds, valued at $2,430, of which 35,603 pounds came from Germany; and 11,528 pounds from the Netherlands.

Potash Chlorate.—The unsettlement abroad caused some consternation in the market last week. The call for explosive purposes was expected to gain momentum in the event hostilities broke out in central Europe. Prices remained unchanged. August imports amounted to 1,008,860 pounds, valued at $60,763, of which 808,041 pounds came from Germany; 180,720 pounds from Switzerland and 11,199 pounds from Sweden.

Potash, Caustic.—A broader inquiry was witnessed in the market from some consuming channels, with the textile industry reported taking a better interest principally. Prices ruled unchanged. August imports totaled 77,932 pounds, valued at $5,851, of which 53,423 pounds came from Germany and 24,509 pounds from Sweden.

Potash Cyanide.—Usual consumers of this material for plating purposes were making fair-size withdrawals again last week. Pricewise the market was unchanged, and a steady to firm tone prevailed. August imports were 1,659 pounds, valued at $715, all of which came from Germany.

Saltpeter.—A better interest was uncovered from some of the principal consuming interests, including meat packers and the tobacco industry. A steady to firm price tone was evident. August imports aggregated 11,574 pounds, valued at $431, all of which came from Germany.

Soda Ash.—Shipments continued to move out at moderately improved levels to various large consuming channels. The glass, soap, textile, rubber and paper industry were reported making commitments commensurate with improved operating schedules. Price schedule continued unaltered.

Soda Bicarbonate.—Reports were to the effect that shipments have been holding at substantially good levels recently; August shipments in some quarters were ahead of the same period a year ago. No change was reported in the quotations.

Soda, Caustic. — Leading consumers continue to display a good interest in the market, with the textile, paper and rubber trade reported making their appearance for good-size commitments. Quotations ruled unchanged. August imports amounted to 34,743 pounds, valued at $5,473, of which 34,663 pounds came from Sweden.

Soda Chlorate. — Some seasonal reaction was recorded for weed-killing purposes, while other consumers displayed a routine interest in the market. Prices were without change. August imports were 599,600 pounds, valued at $25,093, of which 249,600 pounds came from France, 150,000 pounds from Germany, and 200,000 pounds from Switzerland.

Soda Cyanide.—Sellers could point to an active demand from the automotive accessory trade for plating and case hardening purposes again last week. Market retained a steady to firm price tone. August imports totaled 2,780,599 pounds, valued at $237,126, of which 2,023,413 pounds came from Canada; 60,000 pounds from Japan; 260,800 pounds from France; 263,704 pounds from Germany and 172,682 pounds from Switzerland.

Soda Fluoride.—A steady interest was displayed by the food industry for preservation purposes, while other demand was seasonally dull. Prices were without alteration. August imports totaled 4,520 pounds, valued at $443, all of which came from Germany.

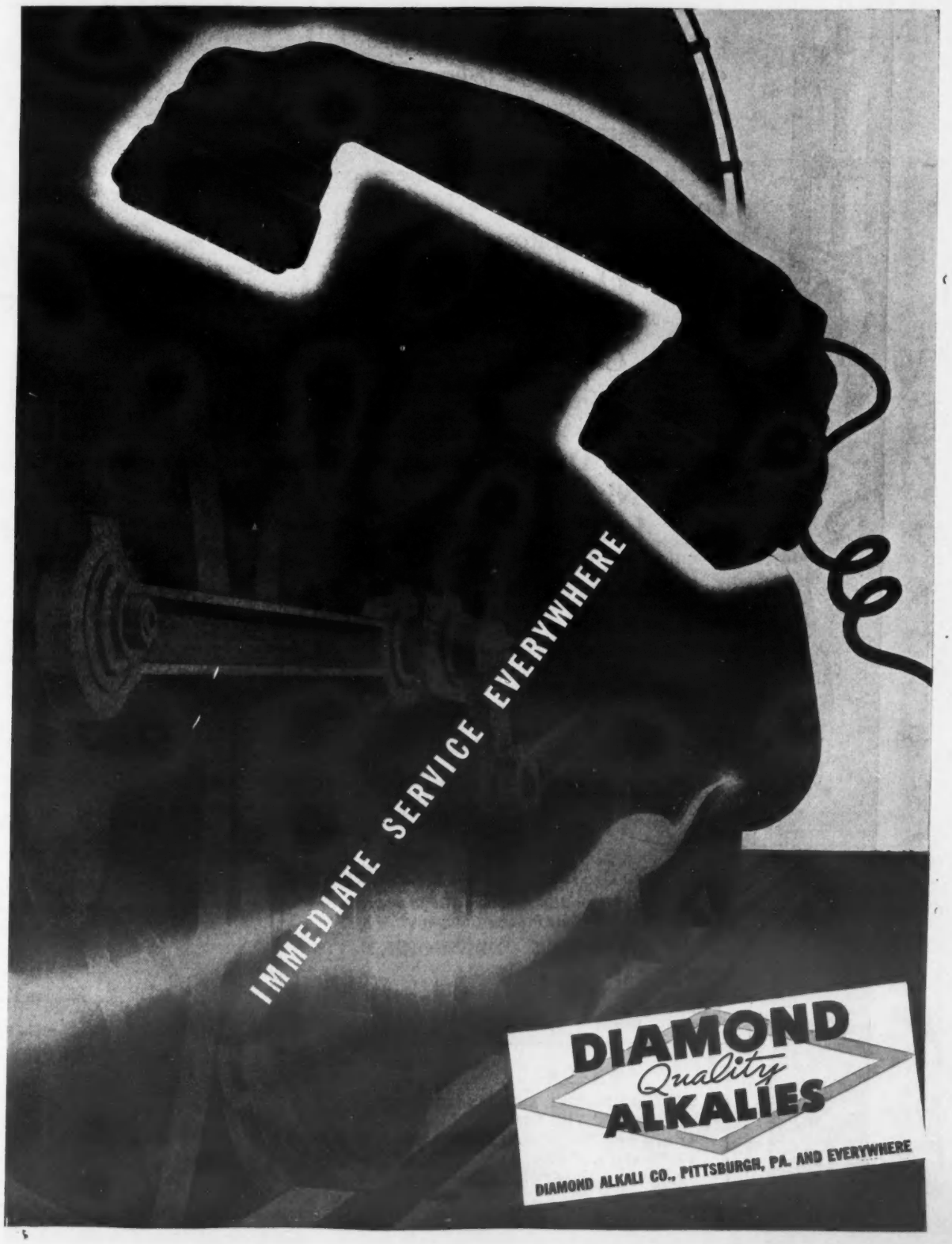
Soda Hydrosulphite.—The call for bleaching purposes was held to fair levels throughout the past week. Nothing new was uncovered in the prices, and a steady to firm tone ruled. August imports amounted to 81,252 pounds valued at $8,449, of which 44,420 pounds came from Czechoslovakia; 16,432 pounds from France; 16,740 pounds from the United Kingdom, and 2,610 pounds from Switzerland.

Soda Phosphate.—Demand for various grades of phosphates were held at steady levels, with the call from some important consumers showing broadening tendencies. Prices ruled steady to firm.

Soda Silicofluoride.—The laundry and glass trade supplied a routine demand in this direction. Domestic prices remain at unchanged levels although much competition was encountered from the foreign material. August imports totaled 109,679 pounds, valued at $3,620, all of which came from Denmark.

Soda Sulphate, Anhydrous.—Business for the account of the textile and other large consumers was held to fair levels

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7



SOLVAY PRODUCTS

SOLVAY

TRADE MARK REG. U. S. PAT. OFF.

America's oldest and largest producer of alkalies, Solvay has consistently set the pace in the alkali industry for improving the quality of alkalies and methods of handling them. Solvay leadership is evidenced in the purity, uniformity and dependability of all its products.

Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Heavy Duty Cleansers
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

SOLVAY SALES CORPORATION

Alkalies and Chemical Products Manufactured by The Solvay Process Company

40 RECTOR STREET NEW YORK, N. Y.

Branch Sales Offices:

Boston	Cincinnati	New Orleans	Pittsburgh
Charlotte	Cleveland	New York	St. Louis
Chicago	Detroit	Philadelphia	Syracuse

ANNOUNCEMENT

DRUG, CHEMICAL AND ALLIED TRADES SECTION OF THE NEW YORK BOARD OF TRADE—3rd Annual Fall Meeting and Golf Tournament, Skytop Lodge, Skytop, Pa. October 21 and 22

BARIUM SULPHIDE

BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

SULPHURIC ACID

60° 66° 98%

Tank Cars—Carboys
Prompt Shipments

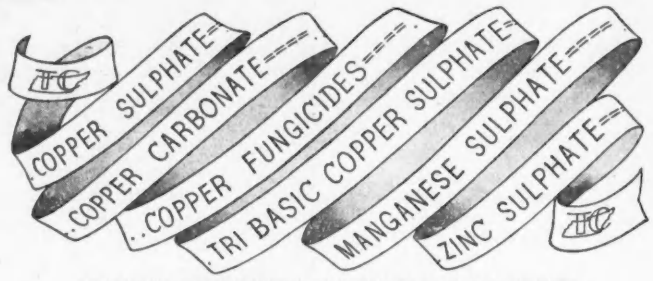
—●—

ROYSTER CHEMICAL WORKS

TOLEDO, OHIO
Division of
F. S. ROYSTER GUANO CO.
NORFOLK, VA.

FINEST TC QUALITY

TENNESSEE CORPORATION



PROMPT SHIPMENTS ON RECEIPT OF ORDER

ATLANTA, GA., LOCKLAND, OHIO; In Florida, U. S. Phosphoric Prod. Corp., Tampa

Our work in the chemical industry is concentrated mostly on the chemicals we manufacture, their derivatives and related products. Development, new uses and unusual problems in our field are of special interest to us. To this end, we offer the services of our laboratory and organization, on a confidential basis.

Oldbury
Electro-Chemical
Company

Plant and Main Office:
Niagara Falls, New York

New York Office:
22 East 40th Street, New York City

Phosphorus and phosphorus products. Sodium chlorate. Potassium perchlorate. Oxalic acid.

throughout the past week. Sellers were adhering to quotations previously in force. Imports during August were 230 tons, valued at $4,912, all of which came from Germany.

Soda Sulphide.—Improvement in some basic consuming industries was reflected to some degree in this direction recently. A steady to firm price tone prevailed. August imports totaled 314,403 pounds, valued at $6,221, of which 145,063 pounds came from Belgium and 169,340 pounds from Germany.

Soda Stannate.—A fractional advance was reported in the market last week with quotations ranging from 29½c. per pound to 32½c. per pound, reflecting the higher quotations for the basic metal. Business continued along moderate lines.

Tin Salts.—Quotations for various tin derivatives were fractionally higher last week. Tin crystals advanced to 35c. to 35½c. per pound and anhydrous tetrachloride of tin to 22½c. per pound. Straits metal was quoted at 44⅜c. per pound. The unsettled conditions abroad influenced the higher prices for the Straits metal, the heavy insurance rates, fluctuations in the foreign exchange market and better buying all contributed to the better price tone.

Uranium Oxide.—A firm tone prevailed in the market, and quotations were maintained at levels recently announced. Business was confined to small quantities for the most part. Imports during August totaled 17,478 pounds, valued at $27,611, of which 12,550 pounds came from Belgium and 4,928 pounds from Canada.

Acids

The market for various mineral acids showed some evidence of a broader demand last week. While the improvement was of a gradual nature it was considered encouraging in view of the unsettled conditions abroad, which had a tendency to bring about uncertainty in the economic structure. The local trucking strike retarded shipments considerably in the metropolitan area, and the flood and storm conditions slowed up business in the Northeastern section of the country. A renewal of buying interest was noted from the automotive industry for some acids, especially battery and chromic. The textile, dyestuff, leather and foodstuff trades were fair buyers of acids including formic, lactic, muriatic and phosphoric. A slight broadening in the demand for sulphuric acid was reported in some quarters. The price situation failed to display any change, and schedules were in conformity with the previous period.

Acetic.—Conditions in the market continue to display a fair measure of improvement, with the demand reported as slightly broader from principal consuming channels. Price schedules were maintained at previous levels.

Battery.—Withdrawals from the battery trade were showing seasonal acceleration because of the new model activities and battery replacement business. Quotations continued unaltered.

Chromic.—Shipments for the account of the plating trade were described as better recently, with auto accessory consumers providing the bulk of the business. Price tone remained steady to firm.

Formic.—A fair amount of business was conusummated in this direction throughout the past week, and quotations were maintained at previously established levels.

Lactic.—Principal consuming interests were making their appearance from time to time for moderate quantities commensurate with current requirements. No change was uncovered in the quotations.

Muriatic.—The market received a fair amount of support from the textile and rubber trade last week. Pricewise there was nothing new to report.

Nitric.—Evidence of some new buying interest by important consuming factors was reported in some sections last week. Quotations ruled unchanged.

Oxalic.—Demand from miscellaneous sources provided a steady interest in the market again last week, while some large consumers continued to make their appearance from time to time. Prices ruled steady to firm.

Phosphoric.—Sellers report a fair buying interest existed in the market, and improvement was noticeable in some directions. No change was disclosed in the prices.

Sulphuric.—A slight broadening in commitments from some large industrial consumers was uncovered, although the improvement was of a mild nature, it was significant in view of the quiet conditions prevailing in the market for some time. Pricewise the market retained a steady to firm tone.

Baltimore, Sept. 28.—The threatening foreign situation, as was to have been expected, tends to cause a stiffening in the price of sulphuric acid. No actual marking up of the quotations has been made, but members of the trade say that the market is firmer, and that there may be a higher level set before long. One of the factors in the situation is the increase in activity among industries that use acid, among them the textile business, which is showing larger requirements and may have to place supplementary orders. This and a gain in steel output makes for a stronger tone in acid, though the nominal figures are still at $12 per ton for 60 degree and $15 per ton for 66 degree acid, both pyrites and brimstone. The market for oleum also reflects the stronger feeling, with the quotations still around $17 per ton for 20 percent stocks, but with a disposition to go slow in the matter of booking business on that basis.

Abbott Laboratories Marks Fiftieth Year

In observance of the fiftieth anniversary of its founding, Abbott Laboratories, pharmaceutical manufacturer, North Chicago, Ill., announces the completion of a new research laboratory building providing greatly expanded facilities for the chemical, bacteriological, medical and pharmaceutical research activities of the firm. All pharmacological work is conducted in a modern, air-conditioned building erected some time ago especially for this purpose, while the developmental laboratories occupy still another building.

Dr. Wallace Calvin Abbott, founder of the company, was one of the first men in America to become interested in the early experiments of

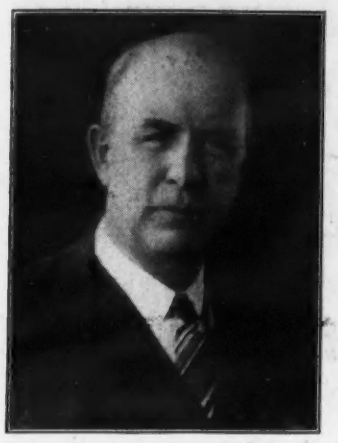
Dr. W. C. Abbott

the Belgian dosimetrist, Burggraeve. The revolutionary idea of employing only the active principle of a drug plant, instead of using the entire plant or an aqueous or alcoholic extract, appealed strongly to the young physician. Resolving to test the Burggraeve theory, he encountered difficulties in obtaining granules and other active-principle preparations then produced only in Europe and was literally forced into making his own remedies.

They were at first made to his specification by an established drug manufacturer as his earliest interest was solely in the use of active principles in his own practice, but he was an extremely busy general practitioner and the demand for the preparation developed to the point where in 1888 he began servicing neighboring physicians.

The first Abbott laboratory was an annex to the family kitchen, where a young lady attended to bottling and labeling under Dr. Abbott's supervision. Stocks of the finished products were kept in a closet under the stairway of the Abbott home. As these quarters were outgrown, a frame house was rented and later purchased for manufacturing operations. In 1900 the business was incorporated as the Abbott Alkaloidal Company. Shortly after this the rapidly growing company erected a three-story brick building, situated in the Ravenswood district on the North Side of Chicago.

At the beginning of the World War in 1914, the firm name was changed to



Dr. A. S. Burdick

Abbott Laboratories, since, in addition to the alkaloids or active principles, the firm's constant search for improved medicinals had already led to the manufacture of a variety of synthetic drugs. During the war, at the request of the United States government, Abbott undertook the manufacture of many additional synthetics. The making of these complex organic chemicals and their intermediates greatly increased the need for space and by 1925 necessitated moving from the residential district in which the business had been launched, a move Dr. Abbott did not live to see, his death having occurred in 1921.

Under the presidencies of Dr. Alfred S. Burdick, Dr. Abbott's successor, and

of S. DeWitt Clough, who became head of the organization upon Dr. Burdick's death in 1933, Abbott Laboratories has continued to grow until it now occupies a twenty-six acre tract in North Chicago, with twenty-five branches throughout the world.

The new building consists of three floors, together with an attic and basement, and provides 45,000 square feet of floor space. In addition to the usual laboratory facilities the building contains what is believed to be one of the most complete micro-analytical laboratories in America; a library with accommodation for 20,000 volumes; hot and cold rooms for stability studies; dark rooms on each floor for the use of optical instruments; and one dark room equipped for use as a laboratory for light sensitive reactions.

Fractionating equipment provides a constant supply of chemically pure water, which is supplied through aluminum pipes to each of the laboratories. Each laboratory is also equipped with its own independent power blower ventilating system and with shower bath heads placed over doorways for use in emergencies. Air conditioning is provided where it is desirable; special humidity-control being used to protect the contents of the library stack-rooms. Lighting is of the semi-indirect type.

S. DeWitt Clough

An air-conditioned auditorium seating 800 persons occupies a separate wing of the building. This auditorium is at the disposal of scientific and medical assemblages, and is equipped with stage, picture-projection and amplifying devices.

Mellon Institute to Conduct Research on Watch Technology

Dr. E. R. Weidlein, director of Mellon Institute, Pittsburgh, Pa., has announced the establishment of an industrial fellowship by the Elgin National Watch Company, Elgin, Illinois. The research program will cover broadly the chemical aspects of technical problems in the watch industry. One of the first subjects of investigation will be watch lubrication. George E. Barker, who received his Ph.D. from Massachusetts Institute of Technology in 1934, has been appointed incumbent of the fellowship. Before joining the institute's research staff, Dr. Barker spent several years in the synthetic organic chemical industry.

Chrome Ore Freights Revised

Albany, Sept. 28, 1938

The New York Public Service Commission has approved new commodity freight rates of the Delaware & Hudson on chrome ore, carload, minimum weight 90 percent of marked capacity except actual weight will apply when loaded to cubical or visible capacity, from Albany to Glens Falls, $1.49 per gross ton. Reductions. Effective October 14, 1938. Expires December 31, 1938.

LEAD ACETATE
DELIVERIES FROM SPOT STOCKS
JUNGMANN & CO.
INCORPORATED
157 CHAMBERS STREET NEW YORK CITY
TEL. BARCLAY 7-5126-30

VICTOR
OXALIC ACID
Guaranteed 99.8% pure or better
Free from corrosive sulphuric and hydrochloric acids. Three crystallizations: large, small and powdered. Uniform mechanical condition.
VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago
SERVICE
UNIFORMITY
QUALITY

SUCCESSFUL RECOVERY

..thanks to shorter boiling ranges

Short boiling range makes important reductions in solvent loss during recovery operations, and promotes quick completion of evaporation or drying processes.

Close and careful cutting makes possible the exceptionally short boiling ranges of Barrett Coal-Tar Solvents. This feature is characteristic of those of both low and high initial points.

Barrett Coke Oven Light Oil Distillates include Benzols, Toluols, Xylols, Solvent Naphtha and Hi-Flash Solvent with a wide range of initial and end points. Write for our convenient specification chart and for complete information about Barrett Coal-Tar Solvents. Inquiries for special solvents are invited and will receive the careful attention of experts in the manufacture and application of coal-tar solvents.

BENZOL · TOLUOL · XYLOL

SOLVENT NAPHTHA

***HI-FLASH SOLVENT**

Phone Your Orders—Express Tank-wagon deliveries from

*Boston	Cincinnati	Indianapolis	*New York
Buffalo	*Cleveland	*Los Angeles	*Philadelphia
*Chicago	*Detroit	*Newark	*St. Louis
		*San Francisco	

**Hi-Flash Solvent available at these stations.*

THE BARRETT COMPANY

40 Rector Street New York, N.Y.

Barrett CHEMICALS

MANUFACTURERS OF COAL-TAR PRODUCTS · ROOFINGS · TARVIA · CREOSOTES

Coaltar Chemicals

Improvement Noticeable in Some Divisions of the Market—Phenol, Cresol and Cresylic Acid Moderately Active—August By-Product Output Higher

Evidence of improvement in some divisions of the coaltar chemical market were noticeable last week. Activity in the automotive industry commenced to reflect in demand from the synthetic resin and plastic industries for some basic products while the lacquer trade and export demand for coaltar solvents was well maintained. The aftermath of the storms in the northeastern section was thought to augur well for certain chemicals, especially disinfectants used in finished products. The local trucking strike, which extended into New Jersey, materially handicapped deliveries, with the exception of some tankwagon business. The tense international situation was watched with interest for its ultimate effect on business and prices. Quotations continued without change, and the tone was generally steadier.

Phenol, cresol and cresylic acid were reported to be in a firmer position recently because of the pickup in the synthetic and plastic industries. Creosote oil was expected to benefit from the rehabilitation work by utilities and railroads after the storms in the northeastern States. Tar acid oils outlook improved, prospects of increased demand from disinfectant manufacturers as the result of flood conditions in the New England area loomed in view of the call for the finished products. Conditions in the market for crude and refined naphthalene showed little change. Benzol, toluol and xylol enjoyed a good demand from the lacquer trade, with the call for export purposes reported at high levels. Coaltar intermediates, acids and colors were moderately active.

Continuing the upward swing begun in July, production of coke reached a total of 2,544,571 tons in August, a gain of 324,359 tons over the preceding month. The average daily production of 82,323 tons, from by-product and beehive ovens, increased 14.4 percent in comparison with the July rate of 71,957 tons, but was 48 percent less than the rate of production in July, 1937. The production of by-product coke for the month of August was 2,494,471 tons, or 80,467 tons per day, an increase of 14.6 percent in comparison with the July rate of 70,213 tons. The bulk of the increase occurred at furnace plants, where the operating rate rose nearly 22 percent; at merchant plants the gain amounted to only 2.7 percent. Pig iron output rose 24 percent during the same period.

The output of beehive coke also increased, the August daily rate of production, amounting to 1,856 tons, being 6.4 percent higher than that of July. This represents the first increase over a preceding month since July of 1937. The accumulated output for 1938 to date, however, is 75 percent less than that of the same period of 1937. Stocks of coke at by-product plants rose slightly, to 3,708,997 tons, a gain of 4 percent, all of the gain occurring at merchant plants. Furnace plants decreased their stock piles by 0.5 percent.

Light oil recovery during August was estimated at 10,284,559 gallons, compared with 8,978,736 gallons in the preceding month and 18,890,966 gallons in August, 1937. For the first eight months of 1938 production aggregated 80,022,837 gallons, against 140,611,027 gallons in the corresponding period a year ago. August tar production amounted to 31,312,515 gallons, contrasted with 27,335,190 gallons in July and 57,516,825 in the like month a year ago. During the first eight months this year production totaled 243,643,417 gallons, as compared with 440,293,367 gallons in the same period last year. Ammonia sulphate, or its equivalent, August production was 69,797,000 pounds, compared with 60,964,000 pounds in the preceding month and 534,972,000 pounds for the first eight months of 1938.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	125.9	125.9	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand for benzol exceeded available supplies, and sellers continued to delay shipments until necessary quantities were available. Business in the export market was reported at an active pace, although some difficulty was reported in obtaining supplies in view of the domestic situation. The tone of the market remained firm. With coking operations showing a gradual increase, production of benzol made a corresponding gain, however, the slight increase was not sufficient to cope with the needs of major consuming interests. Benzol production during August was estimated at 5,585,000 gallons, compared with 4,769,000 gallons in July, a gain of 17.1 percent and 11,144,000 gallons for August, 1937. For the first eight months of 1938 production aggregated 42,785,000 gallons, contrasted with 82,827,000 gallons in the corresponding period a year ago.

Cresol.—The call for various grades of cresol was only fair last week. Dyestuff manufacturers were manifesting some interest, while the synthetic resin grade was moderately taken. A steady to firm price tone prevailed.

Creosote Oil.—The recent storm and flood conditions in the northeastern area may soon find reflection in the market. Sellers report it is a little too early to estimate the extent of business to be gained, but railroads and public utilities will probably find it necessary to order material in the rehabilitation of property damage. In the meantime business was along routine lines, and prices were unaltered.

Cresylic Acid.—Commitments were held to moderate proportions in this direction throughout the past week. Flood conditions in the New England area may influence the demand from disinfectant manufacturers, while the synthetic resin industry was reported to be making modest quantities. Price-wise the market noted no change..

Naphthalene.—Conditions in the market for the crude and refined material noted little change last week. Demand from important consuming channels was held to urgent needs, and little interest was displayed. Quotations were held at levels previously in force. The unsettled international situation was watched closely in view of the probable effect on imports.

Phenol.—While interest in the market was not especially active, sellers could point to some signs of improved interest from the synthetic resin and plastic industries, the dyestuff manufacturers likewise were reported displaying a fair demand. Quotations were without alteration.

Tar Acid Oil.—Various grades of tar acid oils were in moderate demand last week. However, prospects of increased demand from disinfectant manufacturers as the result of the storm and flood conditions in the New England States loomed in view of the call for the finished products. Price schedules were without change.

Toluol.—A steady to firm tone prevailed in the market again last week. Withdrawals were reported to be showing a gradual improvement from the lacquer trade, and the demand for export account was well sustained.

Xylol.—A noticeable improvement remained in evidence in the market throughout the past week. Supplies were sufficient to take care of the de-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

mand, despite the low production schedules. Quotations ruled unchanged.

Chicago Coaltar Bases

Somewhat larger quantities of coaltar bases are coming out at this time, as a consequence of the higher scale of steel industry operations, but the tone remains good, with a fairly adequate demand recorded for representative grades of material. Benzol is moving out rather well. Other products are in good inquiry. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 23c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Movement of the technical material into leading consuming channels proceeded at a moderate pace for the most part last week. A steady to firm price tone continued to prevail.

Benzoic.—A fair volume of business was uncovered in this direction again, with commitments reported at broad levels from dyestuff manufacturers. There was no change in the price schedule.

Cleve's.—Intermediate and dyestuff manufacturers were displaying a modest interest in the market throughout the past week. The market presents no new price developments.

Maleic.—A steady to firm price tone remained in evidence during the week just closed. Withdrawals from principal consuming channels were along slightly improved lines, with some broadening in the demand noticeable.

Salicylic.—The technical material displayed a diversified call from various consuming interests throughout the week under review. Pricewise the market was firm.

Other Intermediates

Alphanaphthol.—A steady interest for moderate quantities was the general rule in this market last week. Sellers were adhering to quotations previously in force.

Anilin.—Shipments were moving at a fair pace, the textile and dyestuff industries continuing to contribute the chief interest in the market. A steady to firm price tone prevailed.

Anthraquinone. — Quotations were firmly held at previously established levels last week. Business was reported as moderately improved in most directions.

Betanaphthol.—The market continued to enjoy a moderate volume of business, with some consumers making their appearance more frequently. Sellers were adhering to quotations previously established.

Dinitrochlorobenzene. — Usual consumers were making their appearance with a little more regularity than heretofore. There was nothing new to divulge in the price situation.

Monochlorobenzene.—A broader call was reported in some sections for this material, and volume of business held at satisfactory levels in most sections. Prices ruled unchanged.

Orthonitrotoluene.—There was nothing new to report in the market last week. Demand continued at quite steady levels, and quotations were in

—Continued on page 30

Reilly Tar Offering Paint For Creosoted Wood Blocks

A new paint, claimed to be the first successful coating for creosoted wood block flooring, has been developed by the Reilly Tar & Chemical Corporation, Indianapolis, Ind. This paint, a product of Reilly research laboratories, has been in process of development and testing over a period of several years. It provides a coating, it is claimed, that forms an effective seal through which neither pitch nor creosote penetrate, and provides a dry, hard bright finish which is highly resistant to abrasion and wear and impervious to oils and dilute acids.

The new product, known as Reilly 'Creocote' paint is available in five attractive colors:—green, yellow, red, black and brown—any one of which may be successfully applied over new or old floors.

It is claimed that thi. new paint now makes possible the use of creosoted wood block floors where they have never been used before. It can be used to increase the visibility of creosoted poles along highways, for it is claimed that it will not stain clothing of persons coming in contact with them, because the creosote cannot penetrate through this paint.

These exclusive features of

J & L CXP BENZOL

increase your production, cut processing costs and assure you a better product

Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol — always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed — Freezing Point 5.30° C—Boiling Range, less than 1° C—Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

J & L—ALWAYS MAKING FINER CARBON STEELS FOR NEW AND BETTER USES

JONES & LAUGHLIN STEEL CORPORATION

PITTSBURGH PENNSYLVANIA

SYNTHETIC RESINS · ANTISEPTICS · DRUGS · DISINFECTANTS · PLASTICIZERS · SOLVENTS

TAR ACIDS
Phenol · Cresol
Cresylic Acid

TAR ACID OILS

OF EXCEPTIONAL UNIFORMITY

BECAUSE . . .

1. Koppers controls coal mines . . .
2. Operates coke ovens with coal from these mines . . .
3. Produces tar from these coke ovens . . .
4. Separates acids from this tar . . .
5. Refines these acids in large volumes in a thoroughly modern plant put into operation late in 1937.

PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.

CRESYLIC ACID Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.

TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

Koppers position, due to raw materials and modern plant equipment, is exceptional for special cuts or fractions. Inquiries solicited and welcomed.

KOPPERS COMPANY · PITTSBURGH, PA.

KOPPERS CHEMICALS AND SOLVENTS

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—95%, pale, low-boiling, Insecticide Grades—95%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber.

PLASTICIZERS · SOLVENTS · PHOTOGRAPHIC DEVELOPERS · SOAP

RUBBER RECLAIMING AGENTS · LACQUER · ANTI-OXIDANTS · PURIFICATION · ANIMAL DIPS

Heavy Chemicals

—*Continued from page 27*

Insecticides

Quotations for lead arsenate were reduced last week to provide the features to an otherwise dull market for agricultural insecticides and fungicides. Favorable weather conditions in the cotton belt was little help to the market for calcium arsenate, and comparatively little interest was displayed in the Southern cotton states. Dullness continued to characterize the dealings in lead arsenate and nicotine sulphate.

The use of agricultural insecticides and fungicides in Colombia has been promoted for several years by three agencies of the Colombian Government, all of Bogota. These agencies attempt to improve crop production and livestock conditions, one of the principal objectives necessarily being the eradication or control of insects and fungus diseases. Much remains to be done, however, and it may be said that the general use of control or eradication agencies has yet to develop, according to the office of the American commercial attache at Bogota.

Calcium Arsenate. — With favorable weather conditions prevailing over the cotton belt, there was comparatively little interest shown for this material in the Southern cotton states. There was nothing new to report in the price schedule.

Lead Arsenate.—Quotations were reduced 1½c. per pound east of the Rocky Mountains. The schedule follows: Bags, dealers car lots, 11c. per pound; less car lot, dealers, 11½c. per pound, East of and including the states of Montana, Wyoming, Colorado, Oklahoma and Texas. Quotations are f.o.b. works. Seasonal dullness continued to characterize the dealings.

Nicotine Sulphate.—The market failed to present any new developments last week, and commitments were held to negligible proportions. No change was reported in the prices.

Trade Briefs

Air Reduction Corporation, this city, has acquired 75.7 percent of the stock of the Cuban Oxygen Company.

Anaconda Copper Company has opened its Belmont and Stewart mines in Butte, Mont. These mines have been closed since the latter part of May, 1938.

Polish Chemical Society has reported to the United States Department of Commerce that the manufacture of artificial rubber, known under Polish patents as "Ker" is about to be commenced in that country.

Rapid Electroplating Process, Chicago, has entered into a stipulation with the Federal Trade Commission to discontinue false and misleading advertising in connection with the sale of a portable electroplating outfit.

E. Fletcher Brown, a vice-president of E. I. duPont de Nemours & Co. and a trustee of the University of Delaware, Wilmington, plans to donate $200,000 as an addition to the PWA grant for an administration classroom building to cost $400,000.

British Association, at a recent meeting, discussed a new process for rendering silverware untarnishable, according to the American commercial attache in London. The new process was said to consist essentially of treating the silver with invisible films of aluminum or beryllium.

Japan Industrial Rubber Company has applied to the governor-general of Formosa for authority to erect a 100,000-kilowatt power station near Karenko.

Coaltar Chemicals

Other Intermediates

—*Continued from page 29*

conformity with the preceding period.

Phthalic, Anhydride.—Improvement was not entirely lacking in this direction. Sellers report an improved interest from some major consuming channels, although moderation still prevailed in the majority of instances. A steady to firm price tone continued to prevail.

Thiocarbanilide.—Leading consumers displayed moderate interest in the market throughout the past week. Caution still ruled the dealings, however, and prices were held at former levels.

Toluidin.—Interest in the market was along routine lines for the most part last week. Pricewise there was nothing new, and a steady to firm tone prevailed.

Coaltar Colors

Volume of business in the market for coaltar colors was well maintained last week. However, the market was called upon to digest some alarming news. The hurricane and flood aftermath in the New England area has damaged some of the textile mills; the local trucking strike, which spread to New Jersey, has materially hampered shipments to the textile areas, and the uncertainties of production costs after the wage and hour law goes into effect were all factors influencing the demand. The hand-to-mouth purchasing policy followed so far this year has brought about difficulties in view of the flood disaster and the trucking strike. As far as prices were concerned in the market, no alterations were uncovered and a steady to firm tone remained in evidence.

General Dyestuffs Offering Heliogen Green G Paste

General Dyestuff Corporation, this city, sole agent for the General Aniline Works, Inc., and distributors in the United States of dyestuffs manufactured by the I. G. Farbenindustrie Aktiengesellschaft, Germany, is offering Heliogen green G paste, the pulp form or a new organic pigment for utilization in the wall paper and coated paper industries.

Calco Co. Wins Ad Prize

At the National Industrial Advertisers Association convention, held in Cleveland September 21 to 23, the 1938 advertising campaign of the Calco Chemical Company, Inc., was awarded a first prize.

Coaltar Freights Changed

The New York Public Service Commission has approved the following freight rate:—

Of the New York Central railroad, crude coaltar, carload, from Frewsburg to Albany, New York, Rochester, Syracuse, Utica and points taking same rates. Class rates will apply. Effective October 18, 1938.

Safety, Solvency, Mild Odor . . . with

HI-FLASH Solvents

Neville Products Insure Complete Satisfaction . . .

2-50-W HI-FLASH NAPHTHA
X-18 HI-FLASH NAPHTHA
3-BX NAPHTHA
PALE YELLOW HI-FLASH NAPHTHA

A Grade and Price for Every Coal-Tar Safety Solvent Need

THE NEVILLE COMPANY
PITTSBURGH, PA.

14

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

Two-hundred-forty-seventh Instalment

Marine Paints

(Continued from September 26 issue)

Removers for Marine Paints

Abrasives
Acetic acid
Acetone
Acetylene tetrachloride
Ammonium carbonate
Alcohol
Amyl acetate
Amyl alcohol
Amyl tartrate
Anilin
Ansol PR
Aqua ammonia
Benzene
Benzol chloride
Benzyl acetate
Benzyl alcohol
Borax
Burning
Butyl alcohol
Calcium hydroxide
Carbon bisulphide
Carbon tetrachloride
Caustic potash
Caustic soda
Cellosolve
Cresylic acid
Cymanol
Denatured alcohol
De-ter-go
Ethyl acetoacetate
Ethylene dichloride
Furfural
Furfuryl alcohol
Gasoline
Isobutyl alcohol
Kerosene
Lye
Methanol
Methyl acetone
Methyl ketone
Monochlorobenzene
Monochlorocresol
Naphthenic acid
Nitrobenzene
Oxalic acid
Painticator
Petroleum spirit
Potassium carbonate
Potassium hydroxide
Potassium oleate
Pumice
Sal soda
Sandpaper
Soap
Soda ash
Sodium carbonate
Sodium cresylate
Sodium hydroxide
Sodium silicate
Solvent naphtha
Steel wool
Super alkalies
Terpineol
Tetralin
Trisodium phosphate
Turpentine
Xylene

Rubber Materials Used in Marine Paints

Buna
Chlorinated rubber
Isoprene
Jatex
Latex
Lotox
Revertex
Revultex
Synthetic rubberlike materials

Solvents Used in Marine Paints

Absolute alcohol
Acetaldehyde
Acetaldol
Acetamide
Acetanilide
Acetic acid ester of 2-butyloctanol
Acetin
Acetindiformin
Acetinformin
Acetinmonoformin
Acetochlorhydrin
Acetochlorhydrin diacetate
Acetone
Acetone oils
Acetonylacetate
Acetylacetone
Acetyldicyclohexylamine
Acetylene tetrachloride
Acetylglycolic acid ethylester
Acetylmethylanilide
Acetylmethylanilin
Acetylpalmitic esters
Acetylphenylnaphthylamine
Acridin
Acyl derivatives of polyhydroxy alcohols
Adronal
Adronal acetate
Alcohol
Aldehydes
Aliphatic dicarboxylic acid esters of 2-butyloctanol
Aliphatic monocarboxylic acid esters of 2-butyloctanol
Aliphatic monocarboxylic acid esters
Aliphatic polycarboxylic acid esters
Alkyl glycol
Alphadichlorhydrin
Amidophenol
Amyl acetate
Amyl acetate mixed isomers
Amyl alcohol
Amyl alcohol mixed isomers
Amyl alphacrotonate
Amyl lactate
Amyl oxalate
Amylidene diethylether
Anhydrous alcohol
Anilides
Anilin
Anisol
Anol
Anone
Apcothinner
Aromatic dicarboxylic acid esters of 2-butyloctanol
Aromatic monocarboxylic acid esters
Aromatic polycarboxylic acid esters
Avantine
Barkite B
B and L thinners
Benzaldehyde
Benzyhydrol
Benzidin
Benzol (benzene)
Benzonaphthol
Benzyl acetate
Benzyl alcohol
Benzyl benzoate
Benzyl chloride
Benzylcellosolve
Benzyldihydrocarvone
Benzylidene acetoacetic ester
Benzylpentaerythritol
Betachloroethyl acetate
Betanaphthyl benzoate
Betanaphthyl phthalate
Betanaphthylamine
Butanol
Butanol, normal
Butyl acetate
Butyl alcohol
Butyl alphacrotonate
Butyl butyrate
Butyl ether, normal
Butyl ethylcarbonate
Butyl formate
Butyl lactate
Butyl oxalate
Butyl propionate
Butyl tartrate
Butylcarbitol
Butylcarbitol acetate
Butylcellosolve
Butylcellosolve acetate
Butylglycol
Butylpentaerythritol
Camphor oil
Carbitol
Carbitol acetate
Carbon bisulphide
Carbon tetrachloride
Carboxylic acid ester of 2-butyloctanol
Carboxylic acid esters of 2-ethylbutanol-1
Cellosolve
Cellosolve acetate
Chloral alcoholate
Chlorobenzyl alcohol
Chloroform
Coaltar hydrocarbons
Coaltar naphtha
Cyclohexane
Cyclohexanol
Cyclohexanol acetate
Cyclohexanone
Cyclohexanyl acetate
Cyclohexene-1-one
Cyclopentanol
DEC
Decahydronaphthalene
Decalin
Decamphored turpentine
Diacetin
Diacetone alcohol
Diamylene
Diatol
Dichlorhydrin
Dichloroacetone
Dichlorobenzene
Dichloroethyl ether
Dichloroethylene
Dicresylglyceryl ether
Dicyclohexyltoluenesulphonamide
Diethyl carbonate
Diethyl ketone
Diethyl oxalate
Diethyl phthalate
Diethyl tartrate
Diethylamine
Diethylbarbituric acid
Diethylcarbitol
Diethyl-1:4-dioxane
Diethyleneglycol monoethylether
Diethylene oxide
Diethyleneglycol
Diethyldiphenylurea
Diethylglycol monoacetate
Diethylmalonylurea
Diformin
Diglycol diacetate
Dihydroxydiphenyldimethylmethane
Di-isobutyl ketone
Dimethyl phthalate
Dimethylcyclohexanone
Dimethylcyclohexanone oxalate
Dioxan
1:4-Dioxane
Dipentene
Dissolvan
Ethanol
Ethyl acetate
Ethyl acetoacetate
Ethyl acetylglycollate
Ethyl alcohol, anhydrous
Ethyl benzoate
Ethyl butylcarbonate
Ethyl butyrate
Ethyl chloroacetate
Ethyl ether
Ethyl formate
Ethyl lactate
Ethyl oxybutyrate
Ethyl propionate
2-Ethylbutanol
2-Ethylbutyl acetate
Ethylene chloride
Ethylene dichloride
Ethyleneglycol
Ethyleneglycol monoacetate
Ethyleneglycol monoethylether
Ethylglycerolchlorhydrin
Ethylglycol
Ethylglycol acetate
Ethylidene acetobenzoate
Furfural
Furfural alcohol
Fusel oil
Gasoline
Heptane
Hercosol
Hexalin
Hexaline acetate
Hexalin alcohol
Hexane
Hexanol, normal
Hexyl acetate, secondary
Hexone
Hi-flash naphtha
Indene

(To be continued)

Dyestuffs, Textile and Leather Chemicals

War Risk Insurance Causes Advances in Tanning Materials —Mangrove Bark, Myrobalans, Sumac and Valonia Higher—Bichromates Volume Improved

Some recession in business was evident in the market for dyestuffs, textile and leather chemicals last week. The tense international situation during most of the week created a good deal of uncertainty, both in regard to business and increased costs of shipping materials from abroad. The storm and flood conditions in the Northeastern section continued to slow business in that area. The local trucking strike caused difficulty in consuming plant operations, especially in the New Jersey area, and in the deliveries of supplies.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Mangrove bark, $2 per ton.
Myrobalans, J1, $2 per ton.
J2, $1.50 per ton.
Sumac, ground, $3 per ton.
leaf, $6 per ton.
Valonia, beards, $1 per ton.
cups, $2 per ton.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.1	**150.1**	**151.6**	**155.2**

Market news that may have developed after this report was sent to press will be found on page 4.

However, later in the week the unfavorable influences seemed definitely clarified in regard to a peaceful settlement abroad and the trucking strike, while conditions in the New England area were expected to gradually return to normal. Changes in the market were confined to raw tanning materials, including higher quotations for Mangrove bark, J1 and J2 myrobalans, sumac ground and leaf, valonia beards and cups.

Higher war risk insurance found immediate reflection in increased shipping costs for raw tanning materials, which in turn resulted in sharp advances in various products imported. Sellers point to a rescinding of the high insurance rates in the near future as the result of the amicable settlement of the central European situation. Business was retarded by the higher prices, although some consumers were forced to cover at these levels, while others rushed to buy even at the higher quotations. Some interest was attached to the Czechoslovakian reciprocal trade agreement insofar as it affects the importation of shoes, and the ultimate affect on this agreement by the acquisition of territory by the Germans.

Volume of business in bichromates was well maintained in most quarters. Steady conditions prevailed in the market for alum acetate and chloride. Potash prussiate received some inquiries early in the week because of the conditions abroad. Zinc dust retained a firm tone. Cochineal and logwood were not without some improvement to feature an otherwise routine market for natural dyestuffs. Egg yolk continued firm, while quiet conditions prevailed in the market for egg albumen. A fairly broad movement of corn dextrin and starch was reported, and prices were well maintained at levels established recently.

Chemicals

Alum Acetate.—Business was reported at fair levels again last week, the call coming chiefly from the textile, dyestuff and color trades. There was no change in the quotations, and a steady to firm price tone prevailed.

Alum Chloride.—The call for various grades of this material was along steady lines, but some caution was noted in some quarters at this time. Quotations ruled unchanged.

Potash Bichromate.—Volume of business was reported holding at improved levels generally last week. Withdrawals by principal consuming industries have shown gradual improvement recently. Quotations ruled steady to firm.

Potash Prussiate. — Some concern was felt during the week relative to the unsettled conditions abroad and the ultimate affect on imports from Europe and some inquiries were reported from usual consumers. Pricewise the market retained a steady tone. August imports totaled 5,005 pounds, valued at $990, of which 2,205 pounds came from the United Kingdom and 2,800 pounds from the Netherlands.

Soda Bichromate.—Sellers could still point to a satisfactory volume of business from principal consuming sources, particularly the textile and tanning interests. Prices ruled steady to firm.

Soda Prussiate.—Commitments were held to routine proportions in the majority of instances last week. Pricewise no change was uncovered. August imports totaled 134,571 pounds, valued at $8,218, of which 112,194 pounds came from the Netherlands and 23,377 pounds from Japan.

Zinc Dust.—A firm price tone continued to rule in the market last week. Business was reported at moderate levels for the most part.

Dyestuffs

Annatto.—Usual consumers including the foodstuff, varnish and textile trade were making their appearance from time to time for necessary requirements. Prices ruled the same as heretofore.

Archil.—A better inquiry was experienced in some directions, although actual commitments were held to modest levels in the majority of instances. Prices ruled unchanged.

Cochineal.—A slight broadening in the demand was evident in some quarters, with the food, cosmetic and textile supplies the call principally. Prices were without alteration.

Fustic.—The tanning and textile trade made moderate withdrawals throughout the past week, and quotations were well maintained at previous levels.

Logwood.—Sellers could point to some measure of improvement from leading consuming interests last week. Sellers were adhering to quotations previously in force.

Turmeric.—Commitments were held to routine proportions in this market last week. The market offered no feature pricewise, and quotations remained unaltered.

Sizing Materials

Albumen, Egg.—Quiet conditions prevailed in the market for the most part last week, with consumers making only necessary withdrawals. Some imported material was making its appearance recently from China, but shipments are still below normal levels. High production costs have restricted domestic production somewhat. Prices ruled unchanged.

Dextrin.—Quotations were maintained at the higher levels established in the preceding period. A steady to firm price tone prevailed following the steadier tone in the basic commodity. The market continued to enjoy a broad demand, with moderation still prevalent. Visible supplies of corn during the week ended September 24 totaled 9,182,000 bushels, against 8,756,000 bushels in the preceding week and 3,864,000 bushels in the same week a year ago.

Egg Yolk.—A firm tone prevailed in this direction again last week. The position of the market was none too strong as far as supplies were concerned, and the market was sensitive to any large withdrawals. Quotations were maintained at previous levels.

Starch.—The market for various grades of starch experienced a diversified demand from major consuming sources last week. Some hesitation was noticeable, however, but on the whole sellers could point to a fair amount of business on the books. Prices were maintained at recently established levels.

Tanning Materials

Mangrove Bark. — Quotations were higher at $26 per ton, the advance was attributed entirely to the higher war rate insurance risks, and indications point to a revision because of the more settled conditions abroad. Business was slow last week.

Myrobalans.—Higher prices were reported for J1 and J2 myrobalans at $29 per ton and $20.50 per ton, respectively. The increased shipping costs influenced the increased prices, which was held to be a temporary situation in view of subsequent developments. The demand was held to small quantities in view of the uncertain conditions prevailing.

Sumac.—Prices for the ground and leaf material were higher at $68 per ton for the ground and $73 per ton for the leaf material. Business was along cautious lines in view of the temporary higher shipping costs, which was expected to terminate shortly.

Valonia Beards.—The market for the beards and cups advanced in conjunction with the higher insurance rates to $48 per ton for the beards and $32 per ton for the cups. Only small business was reported at the higher levels.

Wattle Bark.—Quotations were maintained at previously established levels, and business was held to routine proportions.

Trade Association Questionnaire Issued

—Continued from page 5

Production and purchasing:—standardization and simplification; establishment of quality standards; registration of patents, trademarks, designs and styles; patent cross-licensing or pooling; used machinery exchange; operations of research laboratory; other forms of technical research: cooperative buying; technical advisory services.

Marketing:—Cooperative selling; market research; new markets for industry products; packaging and shipping; collection service; credit information service, and technical merchandising advice.

Trade promotion:—Public relations; technical publications; commercial publications; foreign trade promotion; cooperative advertising; exhibitions, and new uses for industry products.

Trade practices:—Classification of customers; classification of sales areas; trade practice conferences; standard business forms and contracts, and Combatting unfair competition.

Trade information:—Bid filing; open price filing; freight rate books, etc., and statistics.

Employer-employe relations: — Surveys on labor relations—wages, hours, working conditions; collective bargaining; welfare, including safety; employe training; and placement service.

Government relations:—Information or assistance given to government bodies; acting as industry representatives in contacting, legislative bodies, tariffs and trade agreements agencies, taxation agencies, scientific or technical agencies, other executive or administrative agencies; reporting governmental activities; and drafting and promoting model laws.

Miscellaneous:—Commercial arbitration; accounting:—establishment of uniform accounting; industry cost studies; conventions; insurance assistance; legal service; and library service.

Bids Wanted

Acrylate Resin:—2,775 base sheets; Contracting Officer, Meterial Division, Air Corps, Wright Field, Dayton, Ohio; procurement 198, opening October 20.

Aluminum, Flake:—2,350 pounds; Navy Purchasing Office, Federal Office bldg., New York, N. Y.; schedule 2184; opening October 6.

Aluminum, Powder:—3,200 pounds; Navy Purchasing Office, Federal Office bldg., New York, N. Y.; schedule 2159, opening October 6.

Aluminum Sulphate:—50,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 227, opening October 6.

Alumina, Sulphate:—40,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 112, opening October 12.

Calomel Ointment:—10,000 tubes; Public Building Branch, Treasury Department, Washington, D. C.; procurement 16100-SP, opening October 7.

Cellulose Acetate Sheets:—2,000; Contracting Officer, Meterial Division, Air Corps, Wright Field, Dayton, Ohio; procurement 198, opening October 20.

Charcoal, Activated:—3,500 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 106, opening October 11.

Clay, Plastic Fire:—7,200 pounds, Commanding Officer, Raritan Arsenal, N. J.; procurement 37, opening October 7.

Fire Extinguisher Liquid:—70 quarts; U. S. Engineer Office, New York District, Army Base, New York, N. Y.; procurement 105, opening October 7.

Glycerin:—650 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 233, opening October 6

Lead, White:—15,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 232, opening October 6.

Oil, Fuel:—60,000 barrels; General Purchasing Officer, The Panama Canal, Washington, D. C.; schedule 3387, opening October 11.
60,000 barrels; General Purchasing Officer, The Panama Canal, Washington, D. C.; schedule 3388, opening October 13.

Paint Materials:—Supplies; Commanding Officer, Rock Island Arsenal, Ill.; procurement 236, opening October 7.
Supplies: Contracting Officer, Meterial Division, Air Corps, Wright Field, Dayton, Ohio; procurement 203, opening October 24.

Saltpeter:—3,000 pounds; Commanding Officer, Frankford Arsenal, Philadelphia, Pa.; procurement 272, opening October 5.

Soap, Grit:—32,800 cakes; Quartermaster Supply Officer, Fort Mason, San Francisco, Cal.; procurement 928-93, opening October 7.

Laundry:—119,700 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco, Cal.; procurement 928-93, opening October 7.

Sulphur Monochloride: — 117,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 101, opening October 20.

Wax, Floor, Water-Emulsion:—15,400 gallons; Procurement Division, Veterans Administration, Washington, D. C.; procurement 47-S, opening October 11.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephones: Cortlandt 7-1460-1461 Cable Address: "Fezan," N.Y.

Mutual Bichromates
Bichromate of Soda
Bichromate of Potash
Oxalic Acid
Chromic Acid
MUTUAL
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Distribution Parley Views Problems Affecting Buying

—Continued from page 3

unscrupulous merchant from trading unfairly on a reputation established by a manufacturer, he said. Actually the motivating influence behind those laws has been certain vested interests, seeking protection from the impact of changing conditions. He thought that there is a real possibility that, in some cases at least, these laws may prove to be boomerangs by fostering keener competition from private brands and unbranded merchandise.

He was of the belief that the forces which are causing the changes are more powerful than the barriers which have been set up or which can be set up to prevent their having an effect on prices.

Malcolm P. McNair, professor of marketing of the Harvard Graduate School of Business Administration, held that the availability of all kinds of statistical information and the instantaneity of present day communication, while making for increased sensitiveness throughout the business community, caused business men to pay more attention to what other business men were doing and, therefore, increased the likelihood of mass action rather than individual action.

He said business was not wrong in seeking the light of knowledge, and that it should carry on. However, he advised that it would be better to develop a "generation of business men sufficiently robust to turn their backs on morbid introspection and gloomy prognostications, sufficiently confident of the future to create new business by the very act of going after it, sufficiently naive, or if you will illusioned, to think that there can be no limit to our industrial future that is not imposed by the minds and spirits of business men themselves."

Edward L. Lloyd, chief of the market data section of the marketing research division of the Bureau of Foreign and Domestic Commerce, Washington, described the important part that statistics gathered by his division play in the scheme of distribution. He outlined activities planned for the future of the bureau that might aid distribution problems. The planned activities, he said, include

Manufacturers

To expand our present sample of reporters; the information received to be used in preparing regular monthly releases and as a basis for special analyses of specific industries. Studies of such aspects as volume and value, seasonal characteristics and credit conditions will be made.

Retail

Expansion of the retail sales reports for independent stores to cover each of the forty-eight states and the District of Columbia.

Collection and analysis of credit and inventory information from independent retailers.

Additional geographic breakdown of chain store information, and the collection of detailed information from chain fields not now covered. This, together with independent store data, will permit the construction of regional indices.

Expansion of inventory data from chain stores and the collection of facts monthly upon credit conditions.

Assimilation of work now carried on in the field of trade statistics by the Federal Reserve Board, and the unification of these data in all districts. This will permit a national and regional departmental sales analysis and the comparison of departmentalized data with those for specialty stores.

Secure and analyze sales data upon a price breakdown basis for specific commodities.

Develop and publish a monthly index of total retail trade, as well as for the major types of retail operations and by kinds of business.

Correlate data with price series of the Bureau of Labor Statistics, and encourage the development of comparable indexes of price.

Wholesale

To expand our present sample of reporters so that coverage will be adequate for all lines of wholesale trade.

To secure sales and inventory data on a commodity basis for select lines of trade.

To secure data by months from 1929 to date for certain specific trades so that special trend studies can be prepared.

To calculate indexes for specific types of wholesale and for total wholesale trade and to carry them forward on a monthly basis.

Regulation of Retailing

Paul H. Nystrom, president of the Limited Price Variety Stores Association, said that there seems to be but one characteristic common to retail regulation in all the country and that it is the tendency toward more regulation by the States. He thought that solution of the retailers problem was that government purchasing of surpluses in agriculture and manufacture should apply with equal strength to government purchasing of the surpluses from retailing. He pointed to the clothing purchases recently made for the WPA, which, he said, would have aided 1,600,000 retailers and 3,500,000 retail employees, instead of helping just a few score manufacturers.

Retail trading areas are today less narrowly restricted, Q. Forrest Walker, economist for R. H. Macy & Co., New York, said. Improved transportation, particularly by automobile and bus, has increased the mobility of retail customers, he said. He felt that the growth of urban trading centers has not only made possible newer and cheaper forms of distribution, but it has also greatly increased the number of trade competitors. These developments, he said, have seriously undermined the former quasi-monopolistic character of many small retail enterprises. They have, he said, been forced to face the first real competition in their business existence.

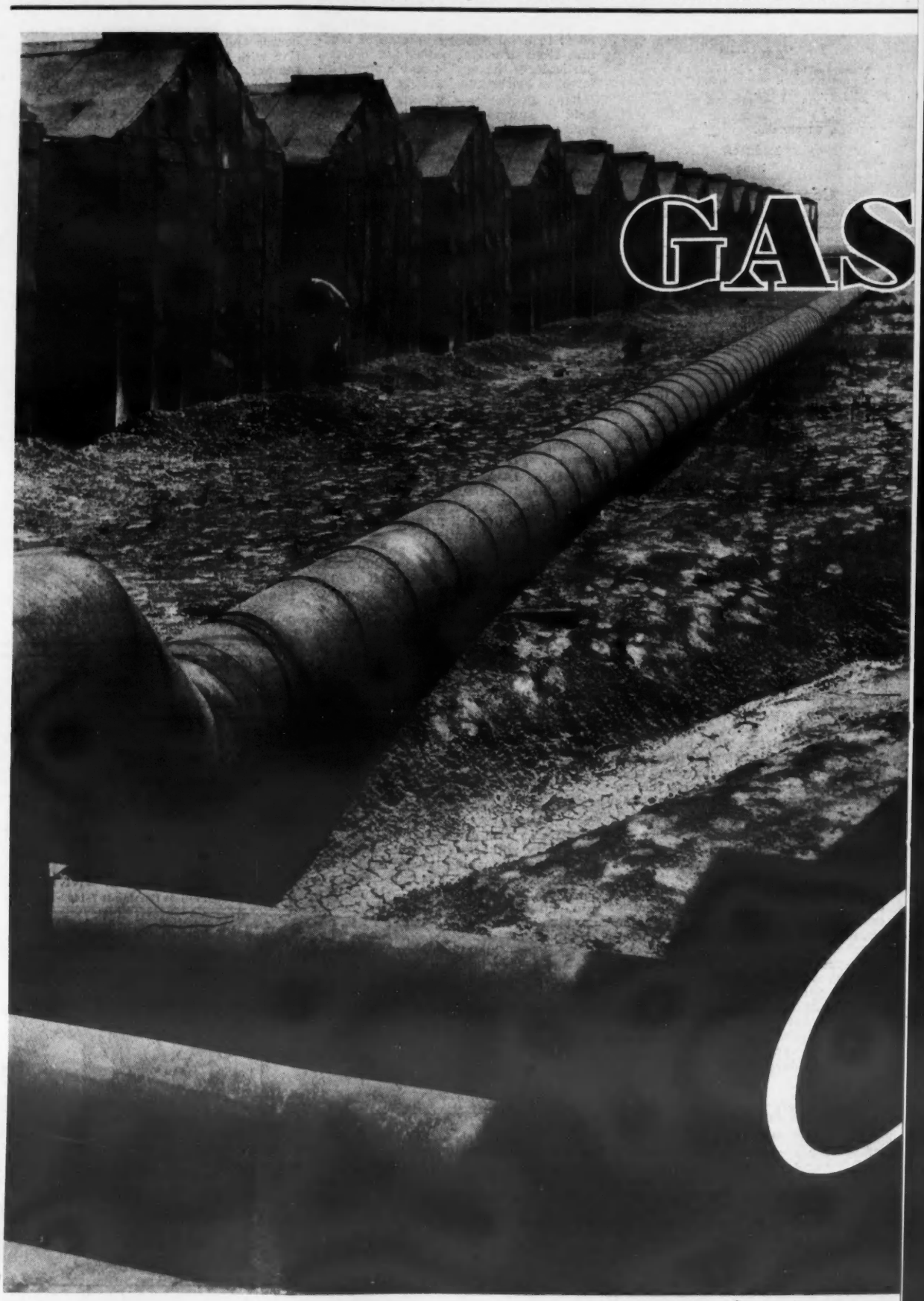
Moreover, Mr. Walker said, the generally lower price level of the depression years has had a profound influence on the profitableness of retail operations. There is some reason to believe that the physical volume of consumption of consumers' goods does not change greatly in periods of prosperity and depression. Retail transactions may increase, he said, but the aggregate gross margins shrink rapidly and operating expenses can be adjusted only with great difficulty after the lapse of a considerable period. He explained that this is one of the basic causes of the frantic struggle for increased sales when prices move downward quickly. It causes sweeping re-examination of pricing and selling methods, he added.

Mr. Walker was of the opinion that the retailer today deals with a more price-conscious public than ever before. During the past decade consumer knowledge of merchandise and prices has measurably broadened, he added. Unfortunately, he said, the distributive trades are crowded with poorly qualified merchants. As someone has said: "Retailing is often more largely a way of life than a business for countless thousands of store-keepers." Cost accounting is a dark mystery to a very large sector of these trades; and simple arithmetic is often an occult science. Since the number of qualified merchants is increasing, he concluded, the conflict between the competent and the incompetent is growing more severe.

As in all industries there are cut-price concerns in the baking industry, L. J. Schumaker, president of the American Bakers Association, said. But, he added, these cut prices are always at the expense of capital returns, management reward, wages for labor or the quality of the merchandise.

Conditions causing cut prices in the baking industry, he said, are similar to those in other industries. He opined that the First National Bank and Common Sense usually have more influence than the Robinson-Patman Act or any other type of legislation in price-cutting contests.

Among the development which have taken place in the field of distribution in Europe in the past few years, the most significant is the general trend toward a regulation of retail trade, especially in the form of action by the public authorities to control the development of certain forms of retail distribu-



tion, Dr. H. Pasdermadjian, general secretary of the International Association of Department Stores, Paris, declared. The practice of price maintenance, i.e., of price fixing by manufacturers, which has only recently been made legal in the United States, is an old practice in most European countries, he said. The resulting guarantee of a fixed retail margin on a part of the assortment has doubtless done much to attract the newcomers to retailing by reducing their fear of the competition of established and experienced retail merchants, he added.

This movement of the small retailers has not been concentrated, Dr. Pasdermadjian said, as in the United States, against chain stores and the advantages of mass purchasing, but against unit price stores and department stores for what may be described as sentimental reasons; and the movement has displayed quite as much hostility to the enterprise operating a single establishment as to the chain.

This agitation, he explained, has led the governments of most European countries—with the notable exception of England and Sweden, the last refugees of business freedom—to take measures for the regulation of retail trade.

He concluded by saying that, instead of trying to solve the problem of the small retailer by merely negative methods, by legal restrictions and prohibitions, a tendency can now be observed in several European countries to attack the problem in a more constructive spirit.

Retailers, he added, are beginning to realize that at the present day it is not latent power but organized power that counts.

The ultimate function of retailing is to represent the consumer's viewpoint in economic life, the defense of the consumer in the face of other well-organized and influential economic and social groups, can be achieved only by an efficient, coordinated and powerful retail trade, conscious of its economic role and of its social mission, he said.

Chain Store Selling

R. W. Doe, vice-president of the Safeway Stores, Oakland, California, told the conference that the social and economic benefits of the chain store are the results of a method, of a system, of a plan, and not simply the results of size. He told how the chain store setup had eliminated the broker, the commission man and the wholesaler, which procedure, he said, naturally lessened the cost. He emphasized his point by saying that the chain stores distributed 22.8 percent of the total combined output of all farms and factories in the United States.

In discussing the attacks made recently on chain stores, Mr. Doe quoted from the report of Adolf Berle, jr., to the Congressional Monopoly Investigation Committee, in which Mr. Berle said:—"The village grocery store, the village blacksmith, the village grist mill, were all monopolies. Until the advent of the automobile, they charged conventional prices or administered prices which were not elastic. . . . Such competition as there has been curiously enough, came from large scale enterprise; mail order houses, and later the chain stores."

Another group of retailers that, in some respects, approach the status of straight-line distribution, Mr. Doe said, are the voluntary and co-operative food chains, especially those falling in the wholesaler-retailer classification. Ironically enough, some of these very merchants are severe critics of the corporate chains. In the United States there are some 110,000 of these voluntary and co-operative chains of independently owned units. There are only some 47,000 corporate food chain units, so the corporate chains look very small in comparison, he said.

Independent Stores

The independent store, buying alone, cannot hope to match the buying power of mass distributors; cannot hope therefore to be able to sell to the consumer at prices on the level with those of multiple unit competitors and still have a sufficient margin for wages and for profit, Hector Lazo, executive vice-president of the Cooperative Food Distributors of America, declared.

Mr. Lazo was of the belief that there is nothing that mass distribution can do or does do that individual business cannot do, as well or better, either in the way of guarantee to labor, to capital, or to the consumer, but, he emphasized the point that the "independent" business men must learn to unite in such a manner as to preserve the independence of the individual, and, he added that many retailers are already in various combinations, offering a real solution for the future.

He added that the individual operator is his own brain trust, and he added that often trusts more to luck than to brains. He was of the opinion that the independent store of tomorrow, however, must and will be required to keep records so that there will be no mystery about wages, wage scales, and employee compensation. This, he said, will have to be done in order to attract capital investment.

Cooperative Buying

In many respects the methods of doing business applied by the consumers' cooperatives are just the opposite of those of the American chain stores. Anders Hedberg, president of the Scandinavian Luma Cooperative Lamp Society, Kooperativa Forbundet, Stockholm, Sweden, said. Although many of the chain stores in the United States are owned by large numbers of stockholders, they are neither democratically controlled nor are they cooperatively organized he said.

On the other hand, there are certain parallels between the American chain stores and the consumers' cooperatives in Europe Mr. Hedberg said.

He explained the workings of the cooperative movement by saying that a local consumers' cooperative sells goods to members and others. The cooperative character of the society is shown most clearly in the rules for the distribution of earnings: The dividend on share capital is limited, generally to five percent. After provision is made for reserves, the remainder is returned to the customers in proportion to their purchases.

He related that the consumers' cooperatives originated in England and spread from there to other countries. With a record of ninety years of business experience behind them the local British cooperatives now have 8,000,000 members and do an annual retail business of one and one-half billion dollars. He believed that the consumers' cooperative movement in Europe helps to make all business constantly more efficient and more responsive to the consumers' interests.

Marketing Boards

Harold Whitehead, chairman of Harold Whitehead & Staff, Ltd., London, described the development of marketing boards in England, declaring that such boards gave "point and emphasis to the growth in centralized control that has been developing slowly and tenaciously for upward of twenty years in England."

He said that in the operation of the boards three dangers must be guarded against:—

(1) The danger of creating a bureaucracy with sanctions not depending on the common rule of law.

(2) The further danger of cramping the logical expansion of industry.

(3) The danger of allowing existing concerns in our industry to become a kind of "close cooperation" by preventing new and competitive enterprises from becoming established.

Viscount Leverhulme, governor of Lever Brothers and Unilever, Ltd., London, presented a paper on "Some Aspects of Distribution in Great Britain Today." His address, read to the convention, urged a census of distribution in Great Britain similar to the one conducted in this country by the Department of Commerce.

—*Continued on page* 41

. . . FOR HOUSES OF FLAME

There are 366 burner houses, such as these shown here, in Continental's carbon black plant at Sunray, Texas. In each, hundreds of flames are burning day and night, producing carbon black for the growing needs of industry. These houses are under the constant observation of men patrolling up and down the line. The man in this picture is inspecting the appearance of the flames in one of them. Gas is supplied through the big pipe which circles the entire plant in a huge loop. This assures a more uniform distribution of gas to all houses—just one of the many factors that contribute to the uniformity of Continental Carbon Black, and to the confidence with which it may be used in your formulas.

CONTINENTAL CARBON COMPANY · 295 MADISON AVENUE, NEW YORK, N. Y.

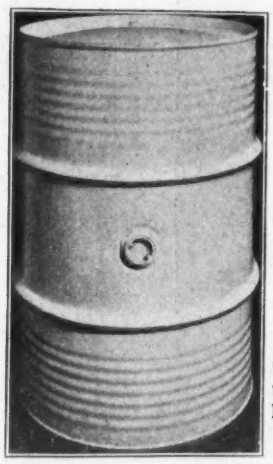
Continental

"NIACET" PRODUCTS

Acetic Acid, Glacial
Acetic Acid, U.S.P. XI, and C.P.
Acetaldehyde
Acetamide, Tech. and C.P. Odorless
Aldol (Acetaldol)
Aluminum Acetate 20% Solution
Aluminum Acetate Basic 32% Sol.
Aluminum Acetate, Powdered
Ammonium Acetate
Butyl Crotonate
Calcium Levulinate
Copper Acetate
Crotonaldehyde
Crotonic Acid
Ferric Acetate, Normal Powder
Iron Liquor (Ferrous Acetate)
Levulinic Acid
Manganese Acetate
Methyl Acetate, Tech. and C.P.
Paraldehyde, Tech. and U.S.P. XI
Pentaerythritol
Pentaerythritol Tetra Acetate
Potassium Acetate
Sodium Acetate, 60% and Anhydrous
"Sodacet" (90% Sodium Acetate)
Sucrose Octa Acetate, "SOA"
Vinyl Acetate
Zinc Acetate

NIACET CHEMICALS CORPORATION P. O. BOX 460 NIAGARA FALLS, NEW YORK

For high-grade lacquers
use
IMPERIAL 50
Manufacturers who want better color than the generally accepted standard without sacrificing workability, will appreciate IMPERIAL 50. For a permanent lacquer of high lustre and brilliance, IMPERIAL 50 possesses every desirable advantage and helps improve product quality as well!
Write for samples and prices
IMPERIAL
OIL & GAS PRODUCTS CO.
LABORATORY CONTROL
UNIFORM QUALITY
GRANT BUILDING
PITTSBURGH, PA.



Finished in various colors of durable high gloss baking enamels.

Accurately comply in all respects with I.C.C. and other shipping specifications.

Designed for safety, dependability and serviceability.

Expanded and rerolled hoops.

Each drum carefully air tested and inspected before shipment.

Chimes designed to withstand rough handling and abuse.

MANION Steel Drums Are Superior From Every Standpoint — Particularly INTERIOR CLEANLINESS

Our years of experience in manufacturing steel drums for the chemical industry have enabled us to establish a reputation among discriminating drum users for dependable, trouble-free containers.

If your product is one that requires absolutely clean and odorless drum interiors you will find MANION drums superior for the following reasons:

Sheets used are special hot rolled, continuous mill sheets with tight protective oxide which positively will not flake or smudge and is not easily susceptible to rusting.

Special care used in manufacturing to guard against contamination from oil, grease, cutting compounds, scale or other objectionable matter.

Each drum carefully inspected inside and outside before shipment.

Your inquiries will receive our prompt attention.

●

MANION STEEL BARREL CO.
OIL CITY, PA.

Paint, Varnish, Lacquer Materials

Trucking Strike Handicaps Local Trade—Some Natural Resin Prices Up—Metals Nervous on European Crisis—Moderate Changes in Rosin Values

The traffic of paint, varnish and lacquer materials in the New York City market and in northern New Jersey was paralyzed from Monday through Wednesday by the trucking strike. Trucking service was partially resumed on Thursday and coupled with a backlog of undelivered orders from the fore part of the week, distribution was still sub-normal as the week closed.

The critical situation in Europe was the chief magnet for attention in the market. Some price gains were scored in the replacement market for natural resins for the first upward movement in those materials in some weeks. The metal markets were nervous but showed no change from the preceding week. Importers of materials were filling orders from spot stocks wherever they could and were ordering replacements for direct shipment in the usual fashion with the hope that the deliveries would be made. Operators in this market breathed easier after Thursday's news of peaceful settlement of the Sudeten problem. In most cases the increased rate of war risk insurance was being charged to the buyers' accounts.

Floods in the New England area halted most of the business in that sector. The trade did not count very heavily on business from any rehabilitation work until the Spring.

August sales of paint, varnish, lacquer and fillers were reported by the Bureau of Census from 680 establishments totaling $30,182,013 against $35.305.043 in August last year. Total sales for the first eight months of 1938 were reported at $239,093,812 against $306,368,212 in the same months of 1937.

Turpentine declined to new low record prices early in the week but the market turned steadier later on. Changes in rosin quotations were unimportant, the undertone being steady. Business was quiet, the disturbing political developments abroad and unsettlement in the markets for securities and other commodities making consumers of naval stores disposed to adhere to a very conservative course in making purchases.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, Manila, Batu scraped, black scraped, ¼c. per lb.
Hiroe nubs, ⅜c. per lb.
dammar, Singapore, Nos. 1, 2, ⅜c. per lb.
Rosin, gum, 10c. to 65c. per 280 lbs.
Rosin, wood, 35c. per 280 lbs.
Turpentine, gum, ½c. per gal.

Reduced

Aluminum powd., paste, less than 1,500 lbs., 1c. to 5c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	131.1	131.1	134.6

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

There was a good deal of nervousness in the lead market last week. The threat of European war and fluctuating currency exchanges held the attention of the buyers close to the market but not without caution and there was little buying done. The prices here were unchanged at 5.10c. to 5.15c. per pound in New York and 4.95c. per pound at East St. Louis. London held at low levels until Wednesday when traders saw hope in the peaceful settlement of the difficulties in central Europe. November books were opened here in the latter half of the week but there was little buying interest in that position.

Zinc was also in a nervous position as a result of the political developments overseas. The price here remained unchanged at 4.95c. per pound, f.o.b. East St. Louis. There was very little buying done during the war excitement of last week.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from September 24 to September 30, inclusive, were as follows:—

	Pigs				
	Per pound—		Spot, London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0510@.0515	$0.0495	..	..	..
Monday	.0510@.0515	.0495	15	8	9
Tuesday	.0510@.0515	.0495	15	2	6
Wednesday	.0510@.0515	.0495	15	3	9
Thursday	.0510@.0515	.0495	15	11	3
Friday	.0510@.0515	.0495	15	12	6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from September 24 to September 30, inclusive, were as follows:—

	Slabs				
	Per pound—		Spot, London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0535	$0.0495	..	..	..
Monday	.0535	.0495	14	15	0
Tuesday	.0535	.0495	14	11	3
Wednesday	.0535	.0495	14	3	9
Thursday	.0535	.0495	14	12	6
Friday	.0535	.0495	14	3	9

Pigments

Deliveries of pigments to and from plants in the metropolitan New York area were halted by the trucking strike but shippers were able to resume traffic toward the end of the week. Deliveries from out-of-town plants to out-of-town consignees were regular albeit the ordering of pigments was not very heavy last week. The metal markets were nervous on the critical European situation but there were no further advances in lead or zinc. As reported previously, the prices of lead-in-oil and lead oxides in small packages were advanced September 26.

White Lead.—Fourth quarter contracts with the manufacturing consumer of dry lead were now in force. These were written at the prices that were established in July. The demands for deliveries of basic carbonate and basic sulphate were rather light last week. As reported previously, the keg prices for lead-in-oil were advanced ½c. per pound September 26.

Red Lead.—The metal market has not been changed for two weeks albeit there was considerable nervousness present over the European crisis. Car lot prices for dry red lead remained at the advanced levels established September 19 and the card prices for less than car lot amounts held at the boost established September 15. As reported in last week's issue, the keg price of lead-in-oil was raised ½c. per pound September 26.

Litharge.—Companionate with the position of dry red lead, the car lot prices for casks held at the level established September 19 and the l.c.l. prices have not been altered since September 15. The price of small packages was raised ½c. per pound September 26 as reported in last week's issue.

Lithopone.—Deliveries to consumers in metropolitan New York were handicapped by the trucking strike but consumers out of town were able to obtain regular supplies by rail from the manufacturing depots located in states adjacent to New York. Price developments were lacking in this pigment.

Titanium Pigments.—The market was held in a stagnant position by the trucking strike. Toward the end of the week some trucks were moving but few deliveries were made during the fore part of the period. Prices continued in a steady position at the schedule.

Zinc Oxide. — While no deliveries could be made into New York during the greater part of last week, the out-of-town producing plants were making regular rail deliveries and motor deliveries to points other than New York. The demands against contracts were not

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

very lively during the week. Prices held unchanged.

Fillers and Extenders

Importers reported an active interest for quick shipments of materials of foreign origin. Several cable orders for direct shipment were placed last week at prices that have been in force. There were no open advances in prices for foreign merchandise except that the increase in war risk insurance rates was charged to the buyer. Many of these bookings were accepted subject to available cargo space.

Barytes.—Importers were understood to have booked substantial tonnage for shipment from abroad as buyers sought to cover ahead because of developments in Europe.

Wood Flour.—Foreign material was unchanged in price and largely nominal on the lack of trading. The linoleum manufacturers and other users did not make any effort to stock up on the prospects of European war and there has been very little business placed in the past several weeks.

Dry Colors

Importers of colors have been filling the limited volume of investment purchasing from their spot stocks. Earlier in the week the importers of colors were unable to say much about plans for obtaining replacements from abroad but were placing orders with foreign suppliers with the hopes that deliveries would be made in the regular way.

Cadmium Sulphide.—There has been no further change in the orange sulphide since the recent reduction to the basis of 85c. per pound and the C.P. yellow from abroad was held at $1.35 to $1.75 per pound.

Carbon Black.—Demands were fairly active by comparison with recent weeks. Car lot deliveries to the tire shops in the Middle West have been broadening gradually during the past few weeks and October operating schedules in most tire plants are measurably higher than those of the past two months.

French Ocher.—Spot stocks were sufficient for importers to cover immediate demands. Replacement orders were being placed with foreign suppliers in regular fashion and the importers here were hopeful that regular deliveries would be made. Prices were unchanged.

Mercury Oxides.—The $2 per flask boost in the price of quicksilver did not affect the position of the technical mercury colors.

Toner Reds.—The most recent change in the market was the boost of 5c. per pound in the price of scarlet ink toner on September 15. This toner was now priced at 50c. per pound.

Varnish Gums

The markets abroad hardened last week and price advances came through for the first time in the past several weeks. Advances were scored in the No. 1 and No. 2 gradings of Singapore dammar, Hiroe nubs, and black scraped and Batu scraped in the E. India copal group. Although replacement market purchasing was still light, the news of higher prices will likely attract considerably more purchasing in anticipation of forward needs.

No. 8 MIXER

The best built mixer in the market. Made in two sizes.

Write for Quotation

ARTHUR COLTON CO.

2624 East Jefferson Avenue

DETROIT :: MICHIGAN

Copals.—Hiroe nubs advanced 3/8c. per pound to the basis of 9 1/8c. per pound and the price for Batu scraped gum was advanced 1/4c. per pound to the basis of 5 1/4c. per pound. Black scraped was also raised 1/4c. per pound to the basis of 6 5/8c. per pound. These prices were for car lot amounts—straight or mixed cars—and were subject to the usual differentials for smaller quantities.

Dammars.—The price for No. 1 Singapore gum was advanced 3/8c. per pound to 15 5/8c. for car lots and No. 2 grading was also advanced 3/8c. per pound to the basis of 10 3/4c. per pound for car lots. Usual differentials were in force for smaller quantities.

Synthetic Resins

The ester gum market remained at the level established on September 15 when the price was reduced 1/2c. per pound. The manufacturers were not moving much gum into consumption at this time albeit September business was improved over the preceding month.

Naval Stores

Primary and local markets for naval stores were quiet much of the time last week, consumers and dealers being disposed in many instances to pursue a cautious policy in purchasing operations in view of the unsettlement prevailing in outside markets as a result of the disturbing political developments in Europe. Then, too, uncertainty as to the outcome of the conference of representatives of naval stores producers and government officials at Washington in the matter of the conservation program for the coming season and the granting of additional funds for financing the marketing of the production for this season up to the end of December also had a tendency to make buyers as well as sellers disposed to hold off for some definite announcement in connection with the meeting.

The prevailing tone in primary centers was steady, however, changes in rosin quotations generally being within comparatively narrow limits, while turpentine, after declining to a new low price level, showed a tendency to rally. There appeared to be a feeling of confidence concerning the movement to secure additional funds for marketing purposes, though it was reported that the use of any money that might be granted would be confined to rosin. It was contended, however, that if rosin prices continue to receive support through the storing of arrivals during the remainder of the year, the tone of the turpentine market would probably be favorably influenced as a result. Receipts in primary markets continued to exceed expectations but there were predictions that marketing during the last quarter of the current calendar year would show a larger decrease than is usually witnessed during the period owing to the heavy movement earlier in the season.

According to consular advices from Bordeaux, trade in rosin and turpentine in France during August was quiet as general inactivity continued in the soap, paper and paint industries, and underconsumption of turpentine and rosin was reported in all foreign markets. An export bounty of 50 francs per hundred kilos (in quantities not exceeding 60 tons) was established for turpentine, but this amount was stated to be insufficient and without effect. Prospects for the new naval stores crop continued favorable and seasonal field work was progressing normally. Total exports for the first seven months of 1938 were 2,571 metric tons of turpentine valued at 8,883,000 francs and 27,725 metric tons of rosin valued at 53,125,000 francs. These figures compare with 451 metric tons of turpentine valued at 1,877,000 francs and 17,450 metric tons of rosin valued at 34,022,000 francs for the first seven months of 1937.

Turpentine.—The trend of prices here was downward early in the week in company with a drop in primary quotations to a new low record level. Later on the tone was steadier. Offerings in primary centers were light. On the other hand transactions in Southern markets were small and purchasing here was generally limited. Weather conditions over much of the South were favorable for production and marketing and the movement to primary points was liberal.

CHICAGO, Sept. 30.—The turpentine market is holding with little change. Buyers are staying on the sidelines, without making commitments that will involve the taking of important positions. Ruling prices at the close of business last night were:—Five-drum lots, 30c. per gallon;

ORGANIC AND INORGANIC

PIGMENT

COLORS

IMPERIAL

PAPER AND COLOR CORPORATION

PIGMENT COLOR DIVISION

GLENS FALLS, NEW YORK

Branch Offices and Warehouse Stocks:

PHILADELPHIA—BALTIMORE—CINCINNATI—ST. LOUIS
NEW YORK — DETROIT — DALLAS — SAN FRANCISCO
PITTSBURGH — CHICAGO — LOUISVILLE — TORONTO
BOSTON — LOS ANGELES — SEATTLE — CLEVELAND

THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

Metallic Soaps for Your SPECIFIC PAINT REQUIREMENTS

● Use Metasap Metallic Soaps formulated to meet your own specific paint needs. Metasap laboratories are prepared to offer you authoritative information on the selection and use of metallic soaps to fit your paints.

This laboratory information is available without cost or obligation. It will help to make your product better. Write today for details.

METASAP CHEMICAL COMPANY

PALMITATES
STEARATES
of ALUMINUM, CALCIUM, LEAD, ZINC

HARRISON, N. J. BOSTON SAN FRANCISCO CHICAGO CEDARTOWN, GA.

five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

SAVANNAH, Sept. 30.—Turpentine was quiet with the undertone steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	19¾	...	389	191	51,514
Tuesday	19⅝	100	602	170	51,946
Wednesday	20	151	239	40	52,145
Thursday	20¼	30	570	82	52,633
Friday	20½	...	305	560	52,488

* No trading.

JACKSONVILLE, Sept. 30.—The turpentine market ruled steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	19	...	365	...	46,645
Tuesday	19½	69	247	...	46,892
Wednesday	20	119	324	1,402	45,814
Thursday	20¾	128	254	...	46,068
Friday	20½	26	270	10	46,328

* No trading.

PENSACOLA, Sept. 24.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	219	...	32,439
Tuesday	198	206	32,431
Wednesday	82	161	32,352
Thursday	111	...	32,463
Friday	91	408	32,146
Saturday	99	...	32,245

LONDON, Sept. 30.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	31	6
Monday	31	6
Tuesday	33	3
Wednesday	35	9
Thursday	35	9
Friday	35	9

Stocks of American turpentine in London were:—

	Sept. 30.	Previous week.	Last year.
Barrels	26,573	48,160	17,218

Rosin.—The local market was a small affair last week. Price movements in the South were narrow with sales reported as light and consumers here were disposed to limit their takings to small lots to fill current needs, the movement of such quantities being unimportant in the aggregate. The delivery of supplies on contracts was hampered by the trucking strike. Receipts in Southern markets continued to run ahead of expectations.

SAVANNAH, Sept. 30.—The rosin market ruled steady with offerings light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.50	$3.50	$3.50	$3.50	$3.50
D	...	3.80	3.80	3.80	3.80	3.80
E	...	3.80	3.80	3.90	3.90	3.90
F	...	4.07½	4.07½	4.55	4.55	4.95
G	...	4.07½	4.45	4.55	4.70	4.95
H	...	4.42½	4.45	4.55	4.70	4.95
I	...	4.42½	4.45	4.55	4.70	4.95
K	...	4.42½	4.45	4.55	4.70	4.95
M	...	4.42½	4.45	4.57½	4.70	4.95
N	...	5.20	5.20	5.30	5.45	5.45
WG	...	5.25	5.25	5.35	5.60	5.60
WW	...	6.00	6.10	6.10	6.10	6.10
X	...	6.00	6.10	6.10	6.10	6.10
Sales	...	123	252	197	62	44
Receipts	...	2,642	2,102	1,398	1,702	1,137
Shipments	...	1,046	3,749	1,951	703	1,958
Stocks	...	260,378	258,791	258,238	259,237	257,406

(Sales, Receipts, Shipments, Stocks: Barrels)

* No trading.

JACKSONVILLE, Sept. 30.—Rosin remained quiet but the tone of the market was steady. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.50	$3.50	$3.50	$3.50	$3.50
D	...	3.80	3.80	3.80	3.80	3.80
E	...	3.80	3.80	3.80	3.80	4.10
F	...	4.17½	4.25	4.25	4.25	4.90
G	...	4.42½	4.50	4.55	4.55	4.90
H	...	4.42½	4.50	4.55	4.70	4.90
I	...	4.42½	4.50	4.55	4.70	4.90
K	...	4.42½	4.50	4.55	4.70	4.90
M	...	4.42½	4.50	4.57½	4.70	4.90
N	...	5.20	5.25	5.25	5.30	5.35
WG	...	5.25	5.25	5.25	5.30	5.40
WW	...	6.10	6.10	6.10	6.10	6.10
X	...	6.10	6.10	6.10	6.10	6.10
Sales	...	48	136	45	28	31
Receipts	...	980	1,105	1,046	767	1,392
Shipments	...	...	254	1,225	24	136
Stocks	...	220,098	220,949	220,770	221,513	222,469

(Sales, Receipts, Shipments, Stocks: Barrels)

* No trading.

PENSACOLA, Sept. 24.—Rosin was steady. Receipts continued liberal. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	745	752	427	452	238	99
Shipments	...	...	50	1,200	...	...
Stocks	60,998	61,750	62,127	61,379	61,632	61,913

CHICAGO, Sept. 30.—Rosin is fairly steady and in some quarters it is reported that more interest is being shown than previously. Ruling prices at the close of business last night were:—B grade, $6.50 per lot of 280 pounds; G grade, $6.95; M grade, $7.05; W.W. grade, $9.10.

LONDON, Sept. 30. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	13	0	18	0
Monday	13	0	18	0
Tuesday	13	9	18	9
Wednesday	13	9	18	9
Thursday	13	9	18	9
Friday	13	9	18	9

Pine Oil.—The market remained in a steady position, quotations being held at former levels. Quiet conditions prevailed so far as new business was concerned though consumption appeared to be on a fair scale.

Pitch.—Quotations were generally maintained at previous levels by local sellers with the tone of the market steady. There was a fair movement of moderate quantities.

Rosin Oil.—The market here for spot oil had a steady tone. There were reports of a fair inquiry for moderate quantities to fill the current needs of consumers.

Tar.—The tone continued steady, selling schedules being maintained at the levels prevailing in recent preceding weeks. Business continued along conservative lines.

Shellac

Business in the shellac market remained within moderate limits last week. Danger of a European war failed to cause most manufacturing consumers to change their attitude of conservatism toward placing of new orders for either spot or later deliveries. While substantial business ought to be in sight, based on purchases made over the past six months, buyers still were reserved.

Wild and widely fluctuating exchange made difficult the calculation of actual costs to import shellac last week. Sterling was as low as $3.62 at one time and it played the whole scale between that point and another around $4.78. This naturally made trading difficult and it cannot be said that orders actually cabled abroad were large in number.

August imports of shellac into this country were as follows:—

	Pounds Seed, button, stick.	Unbleached.	Bleached.
British India	1,172,682	840,001	....
Germany	....	....	14,540
British Malaya	....	7,321	....

Calcutta, Sept. 30.—Prices quoted on London standard T.N. shellac, basis of sterling exchange at $4.88, were as follows:—

	Per pound— Sept. 30.	Sept. 23.
October	11¼c.	11¼c.

Day-to-day prices were as follows:—

	Per pound.
September 23	11¼c.
September 24	11¼c.
September 26	11¼c.
September 27	11¼c.
September 28	11¼c.
September 29	11¼c.
September 30	11¼c.

London, Sept. 30.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	September 30— Shillings. Cwt.	Cents. lb.	September 23— Shillings. Cwt.	Cents. lb.
December	40¼	8.77	39½	8.51
March	41⅝	9.00	..	..

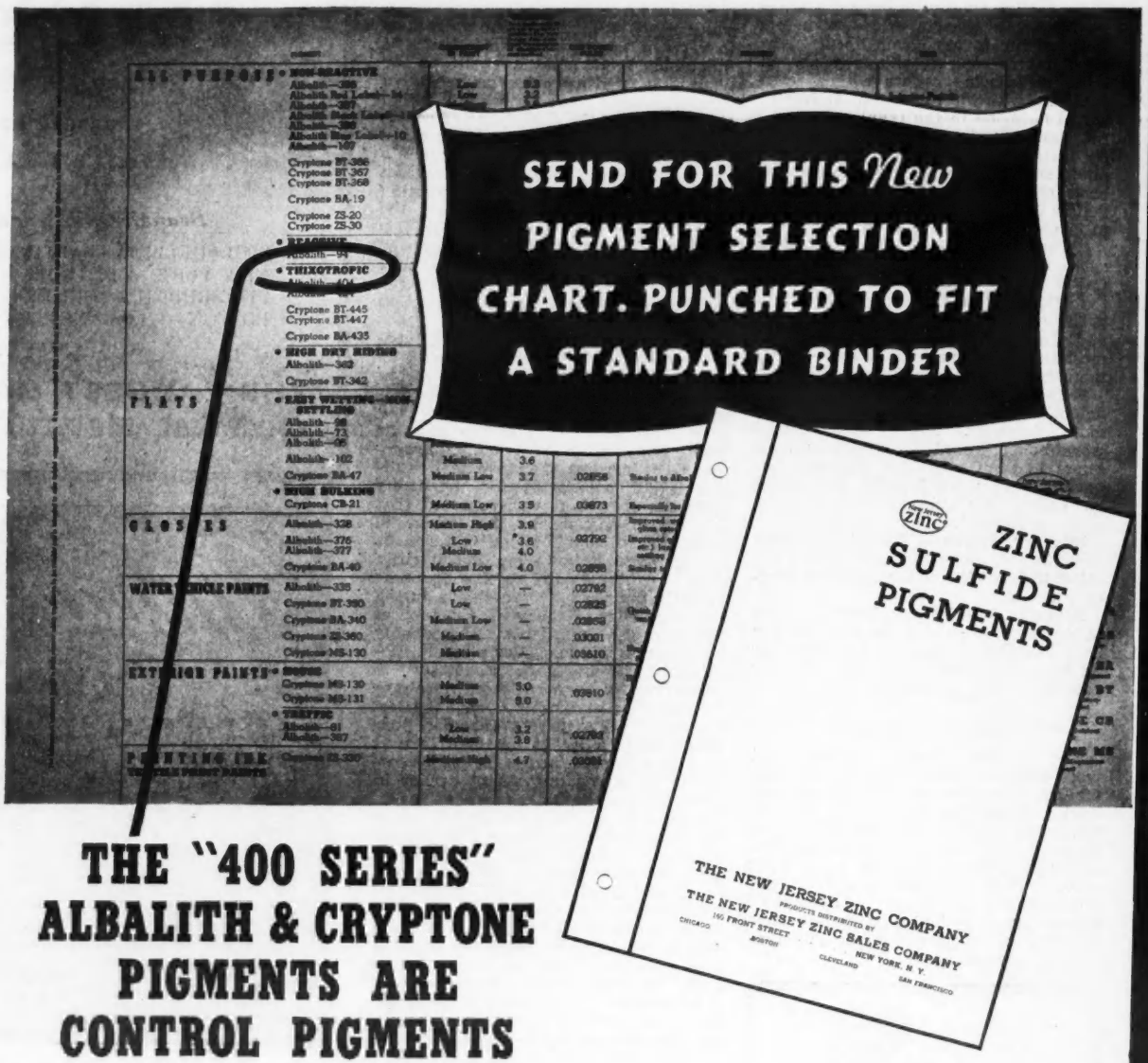
Day-to-day closing prices were as follows:—

	Per hundredweight— October.	December.
September 23	38s 3d	39s 6d
September 24	38s 3d	39s 6d
September 26	38s 6d	39s 9d
September 27	38s 6d	39s 9d
September 28	38s 6d	39s 9d
September 29	39s ..	40s 3d
September 30	... ..	40s 3d

Lacquer Materials

Business in the market for lacquer materials and solvents retained the moderate improvement shown recently, and a general broadening in the demand

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



THE "400 SERIES" ALBALITH & CRYPTONE PIGMENTS ARE CONTROL PIGMENTS

A group of zinc sulfide pigments of improved color and brightness.

Offers the paint formulator an excellent means of obtaining better balanced interior finishes.

Used as the major hiding pigment they produce paints of desirable creamy body which are non-settling, easy to brush and of good leveling properties.

Used in conjunction with other pigments they correct settling tendencies, produce more body and improve packaging qualities.

Available in a range of consistencies for flats, undercoaters, semi-glosses, glosses.

Albalith—404-424
Cryptone—BT-445-447
Cryptone—BA-435

THE NEW JERSEY ZINC COMPANY
160 FRONT ST. NEW YORK

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS

CUTS PAPER SHIPPING STENCILS

A. J. Bradley Mfg. Co.
101 Beekman Street New York

"SUCO"

Ultramarine Blues

Alkali Blue Toners

Methyl Violet Toners

Blanc Fixe

•

STANDARD ULTRAMARINE COMPANY

HUNTINGTON, W. VA.

Shawnee
DRY COLORS
"Color Content Guaranteed"

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents
In Principal Cities
Distillers of Coal Tar Products

prevailed in most directions last week. The tense international situation was carefully watched for its ultimate affect on the market; the local trucking strike continued to raise havoc with shipments in the metropolitan area in the early part of the week, but business returned to more normal lines later. A steady to firm price tone prevailed. Automotive factory activity continued to make more favorable showing with a year ago. New model work was started by practically all leading producers, and indications point to all makers operating final assembly lines on new models by the end of the week. Shipments of tires by manufacturers touched a new monthly high for the year in August, when the total was 4,045,540 units, which was attributed to the exceptionally good replacement demand.

Acetone.—Generally improved conditions were evident in the market last week, with the call for solvent purposes showing a broadening, particularly from lacquer, plastic, rubber and textile industries. A good export inquiry prevailed in the market. Quotations were without alteration.

Butyl Alcohol.—Shipments were reported moving into major consuming channels at moderately improved levels, reflecting to some extent the improved conditions in the automotive industry. Prices were well maintained at previously established levels.

Cellulose Acetate.—Sellers report a better buying interest from various sources throughout the past week; seasonal conditions in some lines were chiefly accountable for the better demand. Quotations ruled unchanged.

Dibutyl Phthalate.—The call from the plastic and lacquer trade for plasticizing purposes was maintained at comparatively good levels last week. Quotations were well held at levels recently established.

Ethyl Acetate. — A moderate improvement prevailed in this direction throughout the past week. There was nothing new to report in the prices, and a steady to firm tone ruled.

Tricresyl Phosphate.—A definite sign of improvement was recorded in most directions last week, with the call from the lacquer trade contributing largely to the better tone. No change was disclosed in the quotations.

Driers

As reported a week ago, manufacturers of stearates and palmitates had issued contracts for the final quarter of 1938 at the price levels that have been in force throughout the earlier part of the year. Withdrawals against contracts were considered fair last week although trade was handicapped in New York and New Jersey by the trucking strike.

Glues and Binders

Casein.—The domestic market lacked new feature. The car lot prices were 9c. to 9½c. per pound for 20-30 mesh and 9½c. to 10c. per pound for the 80-100 grinding, both delivered. The paper coaters did not show much interest in the market last week.

Metal Powders and Leaf

Leading suppliers of aluminum powder and paste have revised the quantity extras on lots of less than 1,500 pounds

The Expert Touch

ULTRAMARINE & COBALT BLUES

● Painstaking workmanship—and the skill that can be acquired only through long practical experience insure the unfailing uniformity of our line of Ultramarine and Cobalt Blues. They are of standard specialized types to meet the exacting needs of today's manufacture of Paint and Printing Inks. Throughout every step in their processing, their quality is safeguarded by our own supervision in our own plant. We also offer a full range of types for the Paper, Rubber, Soap, Linoleum and Textile Trades. Send today for free working samples of these outstanding blues.

THE ULTRAMARINE COMPANY

THE CALCO CHEMICAL COMPANY, INC.
BOUND BROOK, NEW JERSEY
A Division of American Cyanamid Co.
Calco
Boston Philadelphia Providence New York Charlotte Chicago Paterson

LAMP CARBON BONE BLACKS LAKE VINE OXIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York, N. Y.
Offices: 3001 West 47th Street, Chicago, Ill. Factory: Savannah, Ga.

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

•COLORS•

Ansbacher Siegle Corp.

ANSBACHER

General Offices, Works and Laboratories
ROSEBANK, STATEN ISLAND, NEW YORK, N. Y.
Boston, Chicago, Los Angeles, Cleveland, Detroit, San Francisco, Richmond, Toronto, Canada

TRADE MARK
REG. U.S. PAT. OFF.

and are now as follows:—5c. per pound additional for less than 200 pounds; 2c. per pound additional for 200-400 pounds, and 1c. per pound higher for 400-1,500 pounds. Basic prices for 1,500 pounds and over were unchanged. Formerly the quantity extras for lots of less than 1,500 pounds were:—10c. per pound additional for less than 200 pounds; 5c. per pound additional for 200-400 pounds; 2c. per pound higher for 400-1,000 pounds; and 1c. per pound higher for 1,000-1,500 pounds.

N.P.V.L.A. Fifty-Year Club to Elect Officers

An election of officers and the adoption of by-laws for the Fifty-Year Club, which was formed in connection with the fiftieth annual meeting of the National Paint, Varnish and Lacquer Association, will be held in the Ambassador hotel, Atlantic city, October 26. This action will follow a dinner, at which Ernest T. Trigg, president of the association, will act as master of ceremonies.

An added feature on the entertainment side of the annual convention of the association this year, which will run through October 26 to 28, will be a golf tournament, scheduled for October 29 at the Atlantic City Country Club. A registration fee for the tournament has been set at $5, which will include green fee, bus transportation, etc. This feature has been added to the program on the condition that a miminum of thirty-two members enter the tournament.

The entertainment committee, of which William H. Jarden, jr., of the McCloskey Varnish Company, Philadelphia, is chairman, has also arranged for securing tickets to the football game between the University of Pennsylvania and Navy, to be held in Philadelphia, October 29. The tickets will cost $3.42 each and checks must be forwarded to the association headquarters before October 10.

Plastic, Coldwater Paint Calcimine Sales Mixed

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of Census for August, 1938, were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein-bound	148,405	$15,782
All other	44,800	3,981
Dry, casein-bound	228,670	18,000
glue-bound	134,809	6,626
Totals	556,684	$44,299

Cold-Water Paints

	Pounds.	Value.
Exterior, lime or cement-bound	943,483	$68,038
casein-bound	355,262	18,529
Interior, casein-bound, paste or semi-paste form	195,861*	243,792
dry powder form	844,516	62,796
glue-bound	397,137	10,086
Totals	....	$403,241

* Gallons.

Calcimines

	Pounds.	Value.
Hot water	2,975,642	$113,004
Cold water	2,755,488	128,955
Totals	5,731,130	$241,959

Sales of these products for the first eight months of the year compared with those in the corresponding period of 1937 were as follows:—

		1938.	1937.
Plastic paints	lbs.	4,320,667	4,840,620
	value.	$330,016	$372,648
Cold-water paints	value.	$3,158,927	$2,226,618
Calcimines	lbs.	50,279,540	58,656,135
	value.	$2,102,731	$2,500,345

Paint & Varnish Exchange Hears Complaint Study Data

The Paint & Varnish Exchange Club, a group of individuals in the paint industry organized in the Spring, held a meeting at the Hotel Taft, this city, September 28, with an attendance of fifty members and guests. Jack Binswanger, of the Thompson Wood Finishing Company, Philadelphia, chairman of the complaint study committee, reviewed that committee's work to date in classifying the causes of paint complaints with a view toward the elimination of unfair claims. Benjamin Einhorn, of the Adelphi Paint Company, Queens, N. Y., chairman of the library committee, reported that raw material manufacturers had contributed several books as a nucleus for a technical library. Benjamin Joachim, of the Joachim Research Laboratories, presided.

Diversey Corporation, manufacturer of disinfectants and metal polishes, Chicago, has leased space in Rockefeller Center, this city.

Louisville Production Club Addressed by Dr. Ernst

Louisville, Ky., Sept. 26, 1938

The regular meeting of the Louisville Production Club was held September 15 in the Brown hotel. Thirty-eight attended the dinner meeting.

Delegates to the Atlantic City convention are:—A. E. Stauderman of the Devoe & Raynolds Company; H. L. Beakes, Kentucky Color & Chemical Company, with E. J. Probeck, of Jones-Dabney, and C. E. Brusegaard, Reliance Varnish as alternates.

Dr. R. C. Ernst, of the University of Louisville, in describing the work at the university, emphasized the inclusion of paint technology in the chemical engineering work, and spoke of the outside lectures on pigments, paints and vehicles.

A brief resume was given of the club paper, following which Otto Mileti described his activity in the task of its publication.

August Grunert, of Butte, has been elected secretary-treasurer of the Montana Mining Association.

Paint Credit Ass'n Hears Talk on Bankruptcy Law

Irwin Kurtz, one of the referees in bankruptcy for the Southern district of New York, was the speaker at the first Fall meeting of the New York Paint and Allied Industries Credit Association, held September 28 in this city.

Mr. Kurtz spoke on the functions of referees, the provisions of the new Chandler bankruptcy law and the relative differences between the old and the new law. He emphasized the recognition now provided for creditor committees under the new law in assisting and co-operating with referees in a prompt and efficient liquidation of bankruptcy cases.

Vreeland Joins Hilo Varnish

Milton T. Vreeland has joined the sales staff of the Hilo Varnish Company, Brooklyn. Mr. Vreeland, formerly with the Glidden Company, Cleveland, will cover Connecticut and part of Massachusetts. Max Alberts has been appointed trade sales representative in the Texas territory for the Hilo organization, and Roy Teer will cover New Orleans and vicinity.

Trade Briefs

Coastal Oil Company opened its new terminal at Newark, N. J., September 29. The potential storage capacity of the terminal is 42,000,000 gallons.

St. Joseph Lead Company has increased the operating schedule of its Southeastern Missouri mines and mills from six days every other week to four days each week.

George W. Strake, president of the Strake Petroleum Company, Houston, Tex., purchased Glen Eyrie estate, comprising the castle built by the late Gen. William J. Palmer.

Read Drug & Chemical Company of Baltimore City has called for payment November 1, 1938, at 102 and interest fifteen of its 5½ percent notes, due May 1, 1945, at the Maryland Trust Company, Baltimore.

Merrill E. Shoup of Colorado Springs has been elected president of the Carlton interests, filling the office made vacant by the death of L. G. Carlton. The interests own the Golden Cycle Mill, many mines, oil, and the Midland Terminal railroad.

KREBS
Reg. U.S. Pat. Off.
PIGMENTS FOR PAINT
Krebs Pigment & Color Corp.
1007 Orange Street
Wilmington, Delaware

ABOVE you see the three outstanding characteristics of "TI-PURE" titanium dioxide.

If you desire OPACITY, why not go the limit and use the most opaque of all white pigments?

Or if it is WHITENESS you are after, why not use the whitest and strongest of all white pigments?

A pigment must be stable toward both vehicles and weather. Titanium dioxide has the STABILITY of the ores from which it is made, and these have withstood the ravages of nature since the beginning of time.

"TI-PURE" titanium dioxide has all these properties. It is available in several grades to suit your particular requirements.

Use "TI-PURE" for better finishes!

Oils, Fats, and Waxes

Linseed Oil Advanced by Crushers—Moderate Changes in Refined Cottonseed Oil Futures—Chinawood Oil Remains Easy—Tallow Offerings Continue Light—General Market Steady

Business in miscellaneous oils, fats and greases was quieter last week, the disturbing political news from abroad which was reflected in the markets here for securities and speculative commodities, making consumers of various other products disposed to hold off for further developments. The trucking strike also continued to interfere seriously with the movement of supplies. There were few changes in prices for oils and fats and the market as a whole had a steady tone.

Chinawood oil ruled quiet and the market continued to present an easy appearance although offerings from abroad were reported as light with primary shippers steady in their views. Perilla oil was slightly easier owing to the absence of any demand of importance. Olive oil met with a fair inquiry in a jobbing way and the market retained a steady tone.

Refined menhaden and sardine oils met with a fair demand and the market was steady at the reduction in selling schedules announced in the previous week. Crude fish oils were steady in primary markets. Lard, neatsfoot and oleo oils were unchanged. Changes in cash lard were generally moderate. Tallow offerings continued light and the market retained a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lard, 5c. to 25c. per 100 lbs.
Linseed oil, 2-10c. per lb.

Reduced

Chinawood oil, ¼c. per lb.
Perilla oil, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.7	**101.7**	**102.6**	**132.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—No material change in the situation was reported either abroad or here. Shippers were described as steady in their views and not inclined to offer very freely owing to uncertainty concerning future supplies. On the other hand, trade here was slow. In some quarters a fair inquiry was noted from local and outside consumers and dealers but there were few transactions reported, buyers being disposed to adhere to a conservative policy in view of the disturbing developments in European political affairs. Spot oil in tankcars was available at 11.8c. per pound and some business was reported to have been closed on that basis.

Coconut.—Crude oil continued to be quoted at 3⅜c. per pound in tankcars but the tone of the market appeared to be a shade easier in the absence of any improvement in demand, few inquiries being received during the week. The forwarding of supplies on old contracts continued to be seriously hampered by the trucking strike. Offerings of copra continued light, although demand abroad was reported as quieter. Refined oil was steady, selling schedules being maintained at former levels. Demand was slow.

Corn.—Crude was steady with offerings reported as light. There was a fair inquiry. Refined oil was in moderate request and steady.

Cottonseed.—Edible oil was steady, previous quotations remaining in effect. There was a fair inquiry. Foreign oil was nominal in the absence of any increase in offerings.

Oiticica.—The market was quiet in company with other similar products. Offerings were light, however, and the tone remained steady.

Olive.—Foots met with a fair inquiry for moderate lots to meet the current needs of consumers. Denatured oil was also in fair request in a jobbing way. The tone continued steady.

Perilla.—Quotations did not undergo important change, but with trade slow the tone of the market was slightly easier and there were reports of offerings at a point or two below the figures named in the previous week.

Soybean.—A somewhat better inquiry was reported but transactions apparently did not involve important quantites. The tone of the market appeared to be somewhat steadier.

Teaseed.—Oil having a low acid content still appeared to be scarce and nominal and the situation on the Coast was said to be similar in this respect.

Walnut.—A steady tone prevailed, quotations on both crude and refined being held at the levels ruling in the previous week. There was a fair inquiry.

Markets at Other Centers

Los Angeles, Sept. 27.—Vegetable oils are showing up in rather quiet fashion here, but there is a tone of steadiness in the market. The rule is spotty trading at best. None of the larger buyers are taking any position, but part of the smaller trade appears to be taking on odd lots from time to time in drums.

Ruling prices are:—

COCONUT.—Crude oil is quoted on the basis of 2.85c. per pound in tankcars, f.o.b. mills, Los Angeles. The market has been moderately active among the smaller type of consumers. Copra buying has been moderate. Sellers during the last few days have been holding aloof, waiting further developments in the European situation and supplies are reported as not being offered any too freely. Quoted on the basis of 1.85c. to 1.90c. per pound, c.i.f. Pacific Coast ports.

PERILLA.—Quoted at 9.40c. to 9.50c. per pound in tankcars for prompt or deferred delivery, f.o.b. Los Angeles.

TEASEED.—High acid oil 5.40c. per pound, nominally, in tankcars, f.o.b. Pacific Coast ports. Standard acid content material reported to be unavailable, with high acid oil getting scarce.

Chicago, Sept. 30.—A generally steady tone prevails in the vegetable oil market. Orders are mostly for small quantities for prompt delivery.

COCONUT.—Coast basis, September-forward, 2⅞c. to 3c. per pound. Refined, edible oil, 9c. to 9¼c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

CORN.—Crude, low acid, 7c. to 7⅛c. per pound, partly nominal. Refined, edible oil, 9¾c. to 10¼c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 13.1c. to 13.3c. per pound, prompt; and 11.9c. to 12.1c., deferred.

PEANUT.—Crude, 7⅜c. to 7⅝c. per pound.

SOYBEAN.—Crude, mills, 5¼c. to 5⅜c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular in company with grain, the tone being firmer early in the week and easier later on. Trading was somewhat more active, commission houses showing more interest in the situation with shorts covering. Offerings of cash beans were light. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Sept. 30.	Closing Sept. 23.
December	$0.78⅝	$0.75⅝	$0.75⅝	$0.76¼
May	.80¼	.77⅝	.77½	.78¾

London, Sept. 20.—Soybean oil, crude, 23s. per cwt.; rapeseed, crude, 30s. 3d.; palm kernel, refined, English, 24s.; peanut, Bombay, 20s. 6d.; sardine, Japanese, 15s.; whale, crude, Rotterdam, 13s. 6d.

Linseed Oil

Flaxseed prices were irregular, the tone being firmer early in the week and easier later on. Linseed oil was advanced by crushers.

Flaxseed—DULUTH, Sept. 30.—Brisk demand and a lessening movement from the country is giving strength to flaxseed. Premiums on fair to fancy qualities soared this week, while the low grades held their own but showing indications of fear of possible damage by recent rains during late threshing operations. Receipts have fallen off somewhat but not abnormally, and elevator supplies at this writing total 589,000 bushels.

The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.93	$1.84½	$1.82
Monday	1.94	1.82½	1.80
Tuesday	1.92½	1.79	1.78
Wednesday	1.93	1.79	1.78
Thursday	1 91	1.79	1.78
Friday	1.86½	1.77	1.76

Crop movement in bushels follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	127,451	137,295	....	21
Since Aug. 1....	924,350	379,875	338,503	105,154

MINNEAPOLIS, Sept. 30.—Flaxseed receipts of late have been moderate and in very good demand. Prices gained on futures when a new buyer came into the market for some choice flax. Steady buying of diversion point offers for movement to Duluth is noted and to date four boats have moved from the port for lower lake destinations.

Local crushers are accumulating reserves and in four days of the present statistical week elevator stocks gained 150,000 bushels compared with 50,000 gain in the same period last year. Public elevator stocks now total 1,650,000 bushels.

Rain damaged seed is beginning to show up quite prominently. Demand for it is better than it would be under normal conditions because crushers want to build up stocks. Country shippers are making the mistake of trying to mix off this damaged seed with good stuff. Buyers are discounting the No. 1 quality 5c. to 10c., and No. 2 quality is hard to quote. Cars showing a heavy percentage of damaged seed are hard to sell. Rains that fell during the first week of the present month were heavy and caused the damage.

Shipping advices are not very liberal currently and it looks as though the real movement of the season has passed.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.97	$1.88	...
Monday	1.94	1.84	...
Tuesday	1.92½	1.82	...
Wednesday	1.93	1.83	1.86
Thursday	1.91	1.81	1.83
Friday	1.87½	1.78½	1.81

Crop movement in bushels as follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	224,700	401,720	24,750	3,130
Since Sept. 1...	1,964,440	1,868,870	82,620	77,422

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND
RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND *(distilled)*
STAR BRAND
(saponified)
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID STEARIC ACID RED OIL
FATTY ACID GLYCERINE
STEARIC and BEESWAX CANDLES CHURCH ACCESSORIES
Sales Office: 122 East 42nd Street New York
Factories: Newark, N. J., and Baltimore, Md.

W.C. HARDESTY CO., Inc.
41 East 42nd Street New York
RED OIL STEARIC ACID
Saponified - Distilled
HYDROGENATED FATTY ACIDS (HYDREX)
FATTY ACIDS
Cottonseed Oil Coconut Oil Palm Oil
Corn Oil Lauric Specialty
Glycerine - Pitch - White Oleine
FACTORIES: Dover, Ohio - Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street, Los Angeles
Cable Address "EPILOGUE"

INDUSOIL LIQRO INDUSOIL LIQRO INDUSOIL
FATTY ACIDS
INDUSOIL (refined Tall Oil) and LIQRO (crude Tall Oil) are inexpensive domestic fatty acids derived from pine wood. They are available in large quantities from our plants in Covington, Va. and Charleston, S. C.
Write for detailed information and generous samples of INDUSOIL and LIQRO
INDUSTRIAL CHEMICAL SALES
DIVISION WEST VIRGINIA PULP & PAPER CO
230 Park Avenue - - New York
CHICAGO 205 W. Wacker Drive
PHILADELPHIA 1322 Widener Bldg.
CLEVELAND 417 Schofield Bldg.
INDUSOIL LIQRO INDUSOIL LIQRO INDUSOIL LIQRO INDUSOIL

WINNIPEG, Sept. 30.—Flaxseed price movements were mainly in company with outside markets. Trading was quiet. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.38¾	$1.39	$1.37
Monday	1.40¼	1.40½	1.41
Tuesday	1.38⅝	1.38½	1.36½
Wednesday	1.38½	1.38⅝	1.36
Thursday	1.37½	1.37½	1.34½
Friday	1.35	1.35	1.32

BUENOS AIRES, Sept. 30.—Opening prices per bushel on October contracts were:—

	Last week.	Last year.
Saturday	$1.12⅝	$1.33⅞
Monday	1.12¼	1.33⅞
Tuesday	1.12¼	1.36⅝
Wednesday	1.11¼	1.35½
Thursday	1.08⅞	1.34⅞
Friday	1.09⅝	1.34⅞

Exports

To—	Last week.	Previous week.	Last year.
	Bushels		
United States	197,000	.....	571,000
United Kingdom	4,000	4,000	4,000
Continent	323,000	417,000	417,000
Orders	189,00	150,000	154,000
Others	.....	31,000	31,000
Totals	713,000	602,000	1,177,000

Since January 1

To—	This year.	Last year.
	Bushels	
United States	9,215,000	20,932,000
United Kingdom	1,122,000	500,000
Continent	19,098,000	17,177,000
Orders	7,487,000	14,868,000
Others	1,670,000	4,884,000
Totals	38,592,000	58,361,000

Visible Supply

	Bushels.
Last week	3,543,000
Previous week	3,937,000
Last year	3,543,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
	Bushels		
United Kingdom	112,000	56,000	356,000
Continent	32,000	.....	.....
Others	*08,000	.....	.....
Totals	212,000	56,000	356,000

* To United States and Canada, 36,000 bushels; to Australia and Japan, 32,000 bushels.

Since April 1—	This year.	Last year.
	Bushels	
United Kingdom	6,692,000	4,772,000
Continent	520,000	232,000
Others	152,000	820,000
Totals	7,364,000	5,824,000

HULL, Sept. 30.—Quotations on flaxseed were:—

	La Plata.	Bombay.
	Per ton	
Saturday	£11⅛	£12⅝
Monday	11¼	12⅝
Tuesday	11⅛	12⅝
Wednesday	..	12⅝
Thursday	11⅛	12⅝
Friday	11⅛	12⅝

Linseed Oil.—The market was firmer early in the week, selling schedules generally being advanced by crushers to 8.3c. per pound in tankcars, with the rise attributed to a stronger seed situation in foreign and domestic markets. Later in the week the tendency of seed quotations was reactionary and the tone of the market for oil was easier. Quotations were generally held at the advanced level, but it was intimated that these figures could be shaded.

The market was quiet so far as new business was concerned, the disturbing political news from abroad and the trucking strike here making consumers and dealers disposed to hold aloof for a time and await further developments. There was a fair movement from local mills into consuming channels on contracts, however, and advices from some outside points reported an increase in withdrawals with the indications pointing to an expansion in production in the near future.

Flaxseed continued to meet with a good demand in northwestern markets and offerings were well absorbed. Receipts were light or moderate and seemed likely to remain so as unsold supplies in the hands of growers were said to be small. Arrivals last week were reported to have included considerable seed showing damage from recent heavy rains. Argentine crop news was favorable but the critical period for the crop is now at hand and weather conditions during the next few weeks, it is stated, will have much to do with deciding the size of the production.

Receipts of flaxseed at New York last week were 80,000 bushels.

MINNEAPOLIS, Sept. 30.—Business of the week in linseed oil market was good and buyers continue to take hold in free fashion. Oil has been sold in all sized lots and for shipment up to next April. Revival of the small lot trade was perhaps the most noticeable feature. Some paint work that should have been attended to last spring is being taken care of now. Crushers are unable to put away much of any oil right now because they have good shipping instructions from day to day. About 50 percent of their presses are in operation. If instructions gain further more of the capacity will likely start operating. On this last spurt round lot business improved.

Quotations on carload lots f.o.b. Minneapolis, tankcars 8.5c. per pound, cooperage car lots 9.1c. per pound, warehouse lots 9.5c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	1,647,274	1,506,253
Since Sept. 1	8,061,255	9,096,749

LOS ANGELES, September 27.—Linseed oil has again firmed up, when last week the market took another advance of two points. Trading however has not followed to any extent beyond a routine turnover of drum lot business, and the market is generally quiet. Deliveries constitute a fairly bright side of the picture however, and most contracts are well up to date. Quoted: Tankcars, 8.6c. per pound; drum car lots ex mill, 9.2c.; drum lots ex warehouse, 9.6c.

CHICAGO, Sept. 30. — Linseed oil is steady, although inclined to quietness. Ruling prices are: Tankcar, 8.3c. per pound; car lots, 8.9c.; less than car lots, 9.3c.

LONDON, Sept. 30.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	23	3
Monday	..	..
Tuesday	25	3
Wednesday	26	3
Thursday	26	0
Friday	26	0

Cake and Meal.—No broadening of trade was reported in domestic meal but there was a fair movement of moderate quantities for the week. The export inquiry for cake was also fair.

MINNEAPOLIS, Sept. 30.—Trade in meal is good and tone of the market is strong. Output is being absorbed as fast as it becomes available and buyers are taking supplies for shipment up to the end of the year. So far the crushers have shown no disposition to quote for a longer period.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $38 to $38.50 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	2,426,645	4,237,008
Since Sept. 1	12,772,885	22,739,166

CHICAGO, Sept. 30.—Linseed meal supplies appear less burdensome to the market than was the case recently, and the buyers are more interested. Ruling prices are: Round lots, $36 per ton, largely nominal; car lots, $36 to $36.50; less than car lots, $38 to $38.50.

Cottonseed Oil

Refined cottonseed oil futures were irregular, changes in prices being within moderate limits. Southern markets for crude oil and other products were steady.

Cottonseed Oil.—Refined oil futures were irregular, fluctuations in prices being frequent and mainly a reflection of political developments abroad. The trend was upward early in the week when war in Europe seemed to be close at hand, with a reactionary tendency later on following a change for the better in the news from abroad. The movement of prices was not very wide, however, uncertainty concerning the European situation making traders disinclined for the time being to take the aggressive on either side of the market, especially as a similar attitude existed among operators in various other commodities.

Southern markets for crude oil were generally steady. Transactions in most sections were reported as small but the dominant factor appeared to be the high prices prevailing for seed and the failure of the movement to expand in the way that had been expected in view of the progress in picking and ginning. Memphis reported a rise in seed of $1 to $26 per ton and there appeared to be little disposition among planters and ginners to sell very freely at the advance. There were reports to the effect that still higher prices were demanded in some sections. Mills were said to be claiming that there was no profit in selling oil at prevailing quotations in view of the high prices existing for seed. However that may be, offerings of oil were reported as light.

Lard, grain and cotton were irregular and the same was true of securities and foreign current currencies, fluctuations in the latter being wide. A fairly active demand was reported for lard compound and cash refined cottonseed oil. Trade in cash lard was also reported as on a fair scale. The exports of lard from Atlantic and Gulf ports during the period from November 1 last to September 24 were 141,036,921 pounds against 93,617,399 pounds in the same time last season, showing an increase for the current season thus far of 47,419,522 pounds. Receipt of hogs in the principal Western centers for four days of the week aggregated 180,900 head against 171,700 head in the same time last year. The weight of the hogs received in Chicago during the week ended September 24 averaged 254 pounds against 263 pounds in the previous week and 262 pounds in the same week last year.

The weekly government report stated that picking and ginning of cotton made uniformly good to excellent advance under favorable weather conditions. The recent tropical storm delayed this work in North Carolina where there was some damage to the staple by wind and rain.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from September 24 to September 30, inclusive, comprised 1,003 contracts, a total of 60,180,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks. High.	Low.	Close.
January	8.15	7.87	7.88 sale
March	8.20	7.95	7.95 sale
May	8.25	8.00	8.02 sale
October	7.92	7.70	7.72 sale
December	8.12	7.85	7.86 sale
Crude, Southeast,	.0650@.0662½c.		Nom.

Chicago, Sept. 30.—The cottonseed oil market has been holding up reasonably well, with fractional price changes reported here and there. A fair volume of business has been going through recently. Good, off-Summer, yellow fig oil is 8¼c. per pound. Refined, edible oil is 9¼c. to 9½c., barrels, car lots; and 9¾c. to 10c., barrels, less than car lots.

Hull, Sept. 30.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	21	0	18	0
Monday	21	0	18	0
Tuesday	22	0	19	0
Wednesday	22	6	19	6
Thursday	22	6	19	6
Friday	22	6	19	6

Cake and Meal.—A steady tone prevailed in Southern markets for spot material. Meal futures showed irregularity in company with outside markets but offerings of spot product continued to be reported as light. There was a fair inquiry.

Markets at Other Centers

Atlanta, Sept. 27.—Cottonseed products are reported steady with meal slightly firmer. Rapid harvesting and ginning of the crop has brought into view more seed thus far this year than last when the crop was much larger.

Prime crude oil hovers around 6¾c. per pound in this market and 8 percent meal is quoted at $22.50 to $23 per ton at interior mills.

Memphis, Sept. 20.—Crude cottonseed oil ruled quiet during the week. A few scattered sales were reported at 6⅝c. Valley basis. Crude oil did not advance on the war news and probably will not decline much should the foreign situation become settled. The market is held up by the stiff prices being paid for seed, $26 per ton being the prevailing quotation over this territory. Mills claim that there is no profit in selling oil based on the current prices for seed. Meal steady; 41 percent $22 per ton, Memphis basis. Slab cake, $19.50 per ton, Valley basis. Hulls, $3 per ton. Weather continues favorable. Gins and planters are reluctant sellers of seed and the movement is considered lighter than normal.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 22.	September 29.
October	$21.25@——	$21.50@——
December	21.00@21.75	22.00@22.25
January	21.80@22.25	22.50@23.00
March	22.75@——	22.80@23.25
May	——@——	23.35@24.00

Fatty Acids

Capric Acid.—A steady tone prevailed and the situation in other respects was about as noted in the previous week. There was apparently no increase in the inquiry, consumers being disposed to hold off in the absence of any improvement in demand for their products.

Castor Oil.—Buyers of this fatty acid were not inclined to provide to any important extent for future requirements but there was a fair inquiry for moderate lots, the movement of such quantities to local and other consumers apparently being up to that of recent preceding weeks.

Coconut Oil.—Quotations on this fatty acid were generally held at previous levels, the tone of the market being steady. Business was along conservative lines with a fair movement of moderate lots to makers of soaps and other consumers.

Myristic Acid.—The tone continued steady but aside from this the situation lacked features of interest. Quiet conditions prevailed so far as new business was concerned although the movement into consuming channels recently has apparently been sufficient to absorb the limited production.

Stearic Acid.—Consumers were not inclined to purchase ahead to any material extent but there was a fair movement into local and other consuming channels. The market presented a

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
L. N. JACKSON & CO., Inc.
29 Broadway New York, N.Y.

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
SPOT Woolworth Building New York, N. Y. FUTURE

CRESYLIC ACID English A.D.F. Specification
FATTY ACIDS All Kinds
JAPAN WAX
CARNAUBA WAX
T. G. COOPER & CO., Inc., 47-49 N. Second St., Philadelphia, Pa.

THE BRODE CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yoppa, Robinsons, Bentleys, A. B. C.5th Edition

ASK WECOLINE before You Buy
WHITE DISTILLED
FATTY ACIDS
• COCONUT • CORN
• SOY BEAN • LINSEED
• WHITE OLEIN • LAURIC
• SPECIALTY FATTY ACIDS
Factory: Boonton, N. J.
Sales Offices - - New York City and Chicago
WECOLINE PRODUCTS INC.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

steady appearance in the absence of any change in the position of basic material. Importations during August were 27,552 pounds from the United Kingdom and 2,200 pounds from the Netherlands.

Tall Oil.—New developments were lacking in the market for this fatty acid. The tone remained steady, however, and selling schedules were maintained by producers at the same levels that have prevailed for a considerable period. Business was of a conservative character, consumers being disinclined to anticipate in view of the disturbing political news from abroad and the unsettlement in the markets for securities and various commodities.

Markets at Other Centers

Chicago, Sept. 30.—Most grades of fatty acids have been steady. The bulk of the business is said to be in moderate quantities.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2¾c. to 3c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1½c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—New developments in the way of price changes in refined oil were lacking, the market being steady at the reduction in selling schedules announced in the previous week of four-tenths of a cent per pound. Consumers were not inclined to purchase to any important extent in advance of current needs but there was a fair call for moderate quantities. Crude offerings continued light.

Sardine.—The market for refined oil was steady at the reduction in prices announced in the previous week of four-tenths of a cent per pound. There was a fair movement of moderate quantities into local and outside consuming channels. Crude oil was steady on the Coast.

Whale.—Refined oil met with a fair request in a jobbing way and the market retained a steady tone, previous quotations remaining in effect.

Markets at Other Centers

Los Angeles, Sept. 27.—Continued firmness is seen in the Pacific Coast fish oil situation, the market again turning up business in Northern California material at 28c. per gallon in tankcars, accompanied by a very fair demand among the smaller types of refiners and users. Insofar as Southern California is concerned, trade is quiet, and a check reveals that there has been no activity on crude, which will be available here during and after November, when the San Pedro area opens up for fishing. Reduction operators in the South state that while they could undoubtedly move November and December oil on a comparative basis with the present status of Northern California crude, they prefer to wait for further market developments. On the other side of the picture, potential buyers are not particularly trying to reveal their hand either and as a consequence trading here is dead.

Baltimore, Sept. 28.—While the fishing for menhaden early in the past week proved to be not at all good, though it improved toward the close, it still fell decidedly below the corresponding period of 1937, with the catch only about half of what it was at that time. As a consequence, the production of oil lagged, and it became increasingly improbable that the output would suffice to take care of the orders that have been taken by the factories. It follows, therefore, that the sellers show an increasing measure of firmness, with the figures mentioned not under 30c. a gallon, and most of them ranging above this level. Some fish are being caught on the coast between Ocean Grove and Chincoteague Island, an indication that the schools are moving South, which prompts the fishing companies located on the lower bay to go outside in the hope of making fair hauls. Whether this improvement in operations will continue for any length of time, of course, remains to be seen. There is every indication that the market will remain firm, with perhaps a further rise in price on covering by consumers of oil who are short of materials. The quotations on refined oil stand at 53c. to 55c. per gallon for light pressed, 55c. to 57c. per gallon for light bleached and 57c. to 59c. per gallon for yellow bleached stocks.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Fats and Greases

Grease.—Quiet conditions prevailed much of the time, buying interest apparently being limited to comparatively small quantities for prompt shipment. The market retained a steady tone.

Lard.—Price movements in the local market for cash lard were generally moderate in the absence of wide changes in futures in the West where speculative operations were curtailed to some extent by the conflicting developments in other markets. There was a fair domestic and foreign trade.

Stearin.—A steady tone prevailed, quotations generally being held at former levels. There was a fair inquiry, with offerings reported as light.

Tallow.—No broadening of business was reported in the local market for spot tallow. A fair inquiry was noted but actual transactions were generally limited to comparatively small quantities to fill the current needs of consumers. Offerings from producers and resellers were light and the market retained a steady tone, the last business reported being at 5¼c. per pound for extra.

Trading in tallow futures on the New York Produce Exchange from September 24 to September 30, inclusive, comprised 2 contracts, a total of 120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close
October	5.33	5.33	5.25@5.45
December	5.53	5.53	5.40@5.60

Markets at Other Centers

Chicago, Sept. 30.—Trade in the cash lard market has been along slightly more active lines in the last few days, with tone steadier than in some time. Prices have held their own fairly well, and feeling seems better.

The range of lard quotations from the opening Saturday, September 24, to the close Friday, September 30, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close. Friday.	Previous
Cash	$7.90	$7.95	$7.52	$7.52	$7.90
October	7.92	7.97	7.45	7.45	7.75
December	8.12	8.15	7.65	7.65	7.95

TALLOWS (tierces).—Edible, 6c. to 6¼c. per pound; prime, 5⅜c. to 5⅝c.; fancy, 5½c. to 5¾c.; special, 5⅛c. to 5⅜c.; No. 1, 4⅞c. to 5⅛c.

GREASES (tierces).—Choice white, 5⅜c. to 5½c. per pound; A white, 5⅛c. to 5¼c.; B white, 5c. to 5¼c.; yellow, 10-16, 4⅞c. to 5c.; yellow, 16-20, 4¾c. to 4⅞c.; brown, 4⅜c. to 4⅝c.

STEARINS (barrels).—Prime oleo, 7¼c. to 7½c. per pound; lard, packages, 8¾c. to 9c.; A white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; extra oleo stocks, 8¾c. to 9c.; No. 2 stocks, 8½c. to 8¾c.

Liverpool, Sept. 30.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	Oct.	Jan.	May.
	s. d.	s. d.	s. d.	s. d.
Saturday	48 6	44 3	45 0	45 0
Monday	49 0	45 0	45 9	46 0
Tuesday	50 0	45 6	46 0	46 6
Wednesday	50 6	45 9	46 6	.. ..
Thursday	50 0	44 9	45 0	.. ..
Friday	49 0	44 0	43 9	44 6

Liverpool, Sept. 30.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	20 0	18 0
Monday	20 0	18 0
Tuesday	20 0	18 0
Wednesday	20 0	18 0
Thursday	20 0	18 0
Friday	20 0	18 0

Animal Oils

Lard.—A steady tone continued to prevail and quotations were maintained by producers at the levels ruling in the previous week. Consumers were disposed to adhere to a conservative course in making purchases, the call for moderate lots being fair.

Neatsfoot.—Quotations were stationary with the tone of the market steady. There was a fair demand for small or moderate quantities for prompt shipment.

Oleo.—The market retained a steady tone. Business lacked snap but there was a fair movement of moderate quantities to local and other consumers.

Markets at Other Centers

Chicago, Sept. 30.—Moderately good volume of business continues to be reported in animal oils. Prices are holding their own.

LARD.—No. 1, 8¼c. to 8½c. per pound.

OLEO.—No. 2, 8¾c. to 9c. per pound.

TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks; and 8½c. to 8¾c., barrels.

Waxes

Bees.—Trade out of New York City was hampered last week by a resumption of the truck drivers' strike but after midweek successful negotiations resulted in the return of many trucking companies to the streets and shipments were resumed in fair volume. The market as a whole was a quiet but steady affair with prices holding reasonably steady.

Candelilla.—Undertones were steady to firm even though demand for prompt deliveries were moderate so far as regular dealers were concerned. Conditions in the primary market suggested the probable maintenance of replacement cost.

Carnauba.—A fair amount of business came to the spot last week, tending to keep quotations very steady in local circles and confining competition within rather narrow limits most of the time. Dealers after midweek were able to resume their deliveries when negotiations covering the strike of truck drivers brought results and many public as well as private trucks returned to duty. Primary market conditions continued to be very steady and values were apparently well held.

Japan.—Prices were firmly to strongly maintained with demand being added to primary market price strength to the end that local quotations lacked unsettlement and their tendency, if any, remained upward in direction.

Montan.—The advance in price was maintained and so long as war risk insurance remains high such values were expected to hold. However, complete stabilization of prices had been the rule for an extremely long period of time during which wax values generally had advanced considerably. Therefore, present values may become the basis for trade for a considerable period of time.

Distribution Parley Studies Problems Affecting Buying

—Continued from page 33

Packaging in Europe

In describing modern packaging in Europe, John Ryan, sales manager for the Metal Box Company, Ltd., England, said that in the United Kingdom packaging has received more attention from both a technical and selling angle than any other market in Europe. Masses of people are still living in what might be termed the "paper bag age." Manufacturers and consumers alike, he said, look at askance at any improvement upon the barest package necessities. Holland, Scandinavia, Russia, Spain, Italy and the Balkans he classed in this category.

Employer-Employee Relations

The social evolution from the period of labor exploitation and patriarchy to the rise of labour to political consciousness and power has brought about a complete revolution in industrial relations, Goran Holmquist, director of A/B Nordiska Kompaniet, Stockholm, Sweden, said. According to modern business philosophy, the relation between management and staff should be built on cooperation and mutual goodwill, as the efficiency of an organization is determined not only by its methods of work and mechanical equipment but also by its ability of inspiring its members to work for a common goal, he said.

He concluded by saying that the reason why the social problems in general have been solved in a relatively successful way in Sweden may be attributed to the fact that most of the big employers have been very ready to bridge the gap between capital and labor and to make concessions to the labor part before their claims were due on the political stage. Therefore he said, by removing old remnants of injustice and by granting liberal conditions before they were fought for, the social atmosphere has been cleared without too many political thunderstorms.

Dr. John M. Cassels, director of the Institute for Consumer Education, Stephens College, Columbia, Mo., delivered an address on "Consumer Education and Economic Efficiency." He suggested three ways in consumers education may be expected to increase the general efficiency:—First, through the better management of individual affairs; second, through an improvement in the functioning of free private enterprise, and third, through the more intelligent application of conscious social control.

V. H. Hunter, manager of the New York office of the Werner G. Smith Company, importer and producer of oils and greases, Cleveland, returned last week from a vacation on the north shore of Lake Erie.

Atlanta Paint Club Elects T.C.Huguley President

At the recent annual meeting and golf tournament of the Atlanta Paint Club the following officers were elected for the year beginning October 1, 1938:—President, T. C. Huguley, of the Southern Paint Products Company; vice-president, J. N. Causey, of the Warren Company, and secretary-treasurer, W. I. Johnson, of the Dixie Paint & Wallpaper Company.

The silver golf trophy cup which has been the property of the club for over 12 years was awarded to W. C. McDowell, of the Pittsburgh Plate Glass Company, for low score. Alvin Cooledge, of the A. H. Cooledge Paint Company, won second prize, and C. C. Graves, of the U. S. Kalsomine Company, won the consolation. The general attendance prize was given F. W. Conrad, of the Aluminm Company of America.

Portland Paint Club Elects Miller President

Portland, Ore., Sept. 27, 1938

At the annual meeting of the Portland Paint, Varnish and Lacquer Association held at the Benson hotel recently Herbert B. Miller, of the Miller Paint & Wall Paper Company, was chosen president to succeed George J. Nanetti, of the West Coast Kalsomine Company. Frank Cresmer, of the Sherwin-Williams Company, was elected vice-president, and Ernest H. Morgan, of the Ernest H. Morgan Company, was returned as secretary-treasurer.

Pratt & Lambert Salesmen Hold Two-Day Conference

Sales representatives of the Western division of Pratt & Lambert, Inc., paint and varnish manufacturers, Buffalo, N. Y., assembled at the Stevens hotel, Chicago, September 22-23, for a two-day sales conference. C. D. Sproule, vice-president, in charge of the Western division, made the address of welcome. H. E. Webster, president, discussed business conditions. W. P. Werheim, vice-president and advertising manager, outlined the company's advertising plans for the next six months.

Discussion of selling methods and products, by R. W. Lindsay, vice-president and general sales manager, in charge of the meetings, occupied the remainder of day's session. A banquet followed, with C. D. Sproule acting as toastmaster. Representatives of the company's central, Canadian and industrial divisions met at Hotel Statler, Buffalo, September 26-27, for a similar sales conference.

At the banquet Monday night, watches for twenty years' service with Pratt & Lambert were presented to H. C. Loomis, personnel director; C. D. Roberts, advertising department; and P. G. Roth, sales representative, central sales division. Specially-designed cufflinks, in recognition of ten years' service with the company, were presented to: W. T. Brady, D. W. Cadwell, sales representatives central division; J. Harcourt, Canadian sales division; A. T. Montanye, and Frank X. Heindl, jr., both of the Buffalo plant.

Buffalo Paint Club Initial Meeting Well Attended

Buffalo, Sept. 28, 1938.

The Buffalo Paint, Varnish and Lacquer Association held its first regular meeting and dinner of the 1938-39 season in the Statler hotel, September 23. Approximately thirty-five members and guests were in attendance. George Monell, chairman of the golf committee, gave a report on the various tournaments held during the Summer, including the final tournament held at Erie Downs that day. J. Clarence Roth, of the Pratt & Lambert Company, is president of the club, and George L. Petroe, director of advertising for McDougall-Butler Company, is secretary of the association.

McKesson & Robbins, Inc., net sales for July amounted to $11,463,208, compared with $12,653,915 in the same month a year ago.

Eastern Mineral Spirits Company, petroleum naphthas, this city, will be operated as a division of the American Mineral Spirits Company, effective October 1. There will be no change in personnel or organization, and the address of the Eastern Mineral Spirits Company in the various cities in which the company is active will remain unchanged.

VITAMIN B COMPLEX

Announcing a New Natural
Vitamin B Complex Product
with unusual qualities . . .

POTENCY 175 International units B_1.....Per Gram
100 gamma Riboflavin (40 Sherman-Bourquin G) .....Per Gram
100 gamma Vitamin B_6.....Per Gram
Effective amounts of all other known complex factors. *With slight changes in these specifications, a product designed specifically for ABDG Capsules is offered with a potency of 350 B_1 and 350 gamma Riboflavin (140 Sherman-Bourquin G), all other known natural complex factors.*

I.V.C

"House of Vitamins"

Skilled technicians are at your service without cost to assist in your vitamin problems. In addition to B Complex, we supply Vitamins A, D, C and E to the Pharmaceutical trade.

STABILITY Biological Assays have demonstrated that I. V. C. Natural B Complex Powder will retain its potency of the various vitamins under all ordinary conditions of storage and packaging.

ADVANTAGES Complete digestibility. Non-hygroscopic. No Fullers Earth. Ideal for either tablets or capsules. Desirable taste and flavor. It is not a concentrate—therefore no natural Vitamin fractions are lost in its preparation.

PURCHASE PLAN I. V. C. Natural Vitamin B Complex powder is sold in 50 pound drums or on annual contract in five, ten, fifteen and twenty thousand pound lots. We represent this product to be the most economical source of the "B" Vitamins in high potency form.

Write us for descriptive price list

INTERNATIONAL VITAMIN CORP.
50 EAST 42ND STREET • NEW YORK CITY

Drugs, Fine Chemicals

Completely Denatured Alcohol Down 2 Cents Per Gallon —Quicksilver Prices Rise When Weakly Held Lots Are Taken Up—Menthol Down Under Competition

Price activity in the market for drugs and fine chemicals last week recorded lower quotations on completely denatured alcohol, and menthol, while a higher market on quicksilver prevailed at the close of the period under review.

Items likely to be affected more or less quickly by a general European war continued to display substantial firmness, meaning that glycerin, quicksilver, quinine, solvents, and the like were items certainly free from unsettlement. The weakness so apparent in alcohol for some time past might disappear if the international situation is not finally resolved satisfactorily by pacific means.

The position of quicksilver was one much stronger than for some time past. The small lots of domestic metal that had depressed the market unduly seemed to have been removed from the situation. Foreign prices on metal were far above those for domestic goods and successful purchase and delivery was at least highly doubtful regardless of price. Mercurials were a trifle firmer. Bismuth subcarbonate, subgallate, and subnitrate were higher.

The decline in prices on completely denatured alcohol brought values 20 percent below those prevailing at the beginning of the year. Quotations on specially denatured and pure ethyl alcohol were unchanged.

Acid, Acetylsalicylic.—Business was quiet but very steady. A gain in volume was expected to come slowly but steadily as the Winter season draws nearer. Prices were steady to firm in all quarters.

Acid, Boric.—Deliveries were very fair on the whole. Contracts were being taken out in fairly satisfactory volume and new business was a substantial part of the generally steady market that governed the spot throughout the past week.

Acid, Citric.—Business was down to its usual Fall volume and conditions in general showed that the market was fully routine in all aspects. Stocks to cover current requirements were ample.

Acid, Gallic.—Steady movement of moderate quantities contributed much to market stability and solidarity last week. Undertones were steady and competition was not excessive at any point.

Acid, Tartaric.—Lack of normal activity in several consuming industries kept down the volume of transactions in this acid. However, the general position was quite the same as that prevailing during the extended period of firm undertones and prices.

Agar.—Some improvement in demand found plentiful stocks available in some quarters. Deliveries were prompt and the goods moved on the basis of prices generally considered to be steady.

Alcohol.—Producers of completely denatured material reduced quotations 2c. per gallon midweek, making new quotations as follows:—Tanks, 23c. per gallon; drums, car lots, 31c; less than car lots, to jobbers, 34c.; to dealers and industrial consumers, 36c. This decline came at the time when sales and shipments to buyers show expansion because of seasonal influences, and it also was evidence of the unsettlement and competition that had blanketed the market for a long time past. Last January, the market was 29c. per gallon in tanks; today, it is 23c. A twenty percent drop in quotations is far more than a normal nine-month fluctuation in the item. No change in specially denatured, nor pure ethyl alcohol, was made.

Aloe.—Strength continued to be pronounced and the market was also a fairly active affair throughout the past week. Primary market values were well held and continuation of import buying was expected to improve.

Aloin.—Producers reported moderate demand and high cost of production acting to the full support of prices reached by several advances in the not far distant past. Competition was negligible.

Ammonia Chloride. — Some buyers were already active in stocking against the coming season of wider requirements. They found the market fully firm and steady in all directions, with stocks being ample.

Barbital.—Although preference for phonobarbital continued to prevail, there remained a very steady call for barbital and complete stabilization of the market was unchanged.

Bismuth Metal and Salts.—Prices on bismuth subcarbonate were advanced 20c. per pound to the basis of $1.53 to $1.56; subgallate, up 25c. to $1.58 to $1.61; and subnitrate, up 15c. to $1.33 to $1.36. No change in other salts was made, nor was there any change in the price of bismuth metal. It appeared to be purely a movement designed to place the major salts on a more remunerative price basis.

Bromine and Bromides. — Stability governed prices in all ways. With the season at hand when soda and potash will move in larger quantities in some directions, producers looked forward to a satisfactory Winter period.

Caffeine.—More demand for citrated material developed, though the gain was moderate. The situation was in line with seasonal activity and a continued improvement in request was expected. Prices remained very steady.

Castor Oil.—Recent laboratory developments relating to the development of synthetic textile materials may lead eventually to a widening of the consuming market for this article. The market last week was very steady and demand about equal to recent volume.

CHICAGO, Sept. 29.—The castor oil business is reported to be fairly good on the basis of orders placed currently, even though conditions in some consuming industries are not so good as they might be. Ruling prices are: No. 1, barrels, car lots, 10⅛c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; drums, less than car lots, 10⅛c.; tanks, 8⅞c.

Codliver Oil.—The local market was very steady. Demand was still less than that reasonably to be expected in the Fall period and that was caused mainly by the fact that many buyers are carrying substantial stocks of goods purchased months ago. Imports to the end of July this year ran considerably behind those of a year ago. The comparative figures were 2,607,500 gallons this year, against 3,614,300 gallons a year ago.

Ephedrine.—Stocks appeared to be ample and with the season of best consumption spreading ahead, producers expected a gain in sales volume to develop steadily from now on. Prices were steadier than they were recently.

Glycerin.—European conditions took a turn for the better at midweek and there was some reason to believe that difficulties between Germany and Czechoslovakia might be resolved by peaceful means. Such a result would mean continued development of European glycerin trade along normal lines uninfluenced by war conditions. Locally, the market held steadily at unchanged prices and demand was routine.

CHICAGO, Sept. 29.—A good tone prevails in the glycerin market, with movement of material to buyers reported ac-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bismuth, subcarbonate, 20c. per lb.
subgallate, 25c. per lb.
subnitrate, 15c. per lb.
Quicksilver, $2 per flask.

Reduced

Alcohol, completely denatured, 2c. per gal.
Menthol, 10c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.6	182.8	182.8	182.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

QUININE
Sulphate and Minor Salts

CINCHONINE CINCHONIDINE
QUINIDINE
and their Salts

"AMSTERDAM" BRAND
"MAARSSEN" BRAND

R.W. GREEFF & CO.
10 East 40th Street New York, N. Y.

FINE HEYDEN CHEMICALS

FORMALDEHYDE
U. S. P.

A clear water white solution
of uniform purity

PARAFORMALDEHYDE
METHENAMINE

•

Plan now to attend the
DRUG AND CHEMICAL SECTION
NEW YORK BOARD OF TRADE
Fall Meeting and Golf Tournament,
October 21-22, 1938, at Sky Top, Pa.

HEYDEN
CHEMICAL CORPORATION
NEW YORK—50 Union Square
Chicago Branch—180 N. Wacker Drive
FACTORIES: Garfield, N. J., Fords, N. J.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building
Cincinnati, Ohio
205 East 42nd Street
New York City
C/P

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P.
FLAG BRAND
All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
NAPHTHENIC ACID SLUDGE . . . NAPHTHENIC SOAP
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK
Established distributors wanted
Inquiries Invited

The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
MUrray Hill 6-1990

MARTENS BRAND
OLEUM JECORIS ASELLI
THE CREAM OF MEDICINAL
Cod Liver Oil
★
A/S JOHAN C. MARTENS & CO.
BERGEN, NORWAY
Established 1838
PRODUCERS, REFINERS, WORLD MARKETERS
★
REPRESENTATIVES
H. H. ROSENTHAL CO., INC.
25 EAST 26TH STREET, NEW YORK CITY

Menthol.—The market eased down to the basis of $3.10 to $3.20 per pound as the result of a slower and more competitive spot market and a none too active interest in import parcels. Larger manufacturing consumers seemed to be well supplied with reserve stocks, while the small users were not disposed to anticipate their needs very far ahead.

Mercurials.—Domestic manufacturers' schedule of prices held unchanged. The undertone, however, was steadier to firmer if anything, because of a substantial improvement in the basic position of quicksilver on this market. Foreign competition continued and was possible solely for the reason that some foreign manufacturers charge their quicksilver cost between $50 and $55 per flask, as against $74.50 per flask which for some time had been the cheapest price at which the domestic manufacturers could obtain metal. Incidentally, the foreign manufacturers paying $50 to $55 for quicksilver buy metal from sources quoting the domestic manufacturing consumer shipment metal at not less than $84.50 per flask duty paid. There was reason to believe that relief from foreign competition might be sought.

Quicksilver.—The spot market was advanced to $77 per flask minimum. From that figure it ranged to $84.50 per flask for goods to be shipped if and when from abroad, presumably from Italy, though considering the alleged fact that all surplus Italian stocks were off the market abroad, it was not clear that shipment parcels from Europe could be actually obtained. It was suggested last week that the heavy buying by a San Francisco bank some time back had been for the account of local sellers of foreign metal and not for the account of Japan, as was supposed at the time of the operation. Surplus and weakly held spot stocks were understood to have been taken out of the market, leaving the local situation considerably improved. The total volume of spot sales was fairly large by the end of the period.

SAN FRANCISCO, Sept. 26. — Orders from the East Coast brought renewed activity locally and a substantial quantity of metal was sold. Sales were made at $74 per flask, and at $74.50. Following this business, the market was advanced to $75 per flask and held firm under the influence of the generally stronger tone in the world markets for mercury.

Quinine.—Fairly good request was current and with Winter but a few months away, most dealers looked forward to an improvement in shipments to buyers. Prices were substantially steady in all respects.

Rochelle Salt.—A moderately good request was current last week and the undertone of the market continued to be generally steady in most respects. Prices were well maintained in all directions.

Santonin.—The item has dropped back into an unobtrusive position in which sales were confined to exceptionally small quantities and in which prices were easy and comparatively low.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	19 7/16
Monday	31½	42¾	19 7/16
Tuesday	31½	42¾	19⅜
Wednesday	31½	42¾	19⅜
Thursday	31½	42¾	19⅜
Friday	31½	42¾	19¼

Quaker Oats Stockholders To Vote on Retirement Plan

A special meeting of stockholders of the Quaker Oats Company, Chicago, has been called for October 1 in Jersey City, N. J., to vote on a proposal for a retirement annuity plan for employees and officers. If approved, the plan would become effective retroactively as of September 1, 1938, provided that 75 percent of employees joined. The plan would be underwritten by two major insurance companies.

Carey PRODUCTS
Carbonate of Magnesia
Oxide of Magnesia
U. S. P. and Technical Grades
THE PHILIP CAREY CO.
Dependable Products Since 1873
LOCKLAND, CINCINNATI, OHIO

Before placing your next order for
TARTAR EMETIC,
let us tell you how you can save money by using
APEX ANTIMONELLE
(Pat'd.)
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 W. 34th St., New York City
FACTORY: ELIZABETHPORT, N. J.

Retene
(Methyl Isopropyl Phenanthrene)
FOR technical and industrial applications we have available Retene in the following grades:
Technical Retene
M. P. 30 to 35° C
Price 5c per pound
Technical Refined Retene
M. P. 35 to 40° C
Price 8c per pound
Purified Retene
M. P. 80 to 85° C
Price 26c per pound
Purified Refined Retene
M. P. 90 to 95° C
Price 76c per pound
SOUTHERN PINE CHEMICAL CO.
Division of
The Glidden Company
JACKSONVILLE, FLORIDA

A Guaranty of MERCK *Purity & Reliability*

Acetanilid
Acetophenetidin
Acid Acetylsalicylic
Acid Salicylic
Aconitine
Aloin
Aminopyrine
Ammonium Bromide
Ammonium Carbonate
Ammonium Chloride
Antipyrine
Atropine
Barbital
Barbital Sodium
Benzocaine
Bismuth Salts
Caffeine
Caffeine Citrated
Calomel
Camphor Monobromated
Chlorobutanol
Chlorthymol
Cinchona Alkaloids Mixed
Cinchonidine & Salts
Cinchonine & Salts
Cocaine Hydrochloride
Codeine Phosphate
Codeine Sulfate
Creosote
Creosote Beechwood
Creosote Carbonate
Dextrose
Dionin

MERCK CHEMICALS
for use in Cold Remedies and other Seasonal PREPARATIONS

THROUGHOUT each manufacturing operation continual vigilance and accurate testing control the uniformity of Merck Chemicals in accordance with definite standards of purity.

Adequate stocks are available at convenient shipping points. Prices and detailed information will be furnished on request.

Ephedrine Alkaloid
Ephedrine Hydrochloride
Ephedrine Sulfate
Euquinine
Guaiacol (liquid)
Guaiacol Carbonate
Hexamethylenamine
Menthol
Methyl Salicylate
Milk Sugar
Morphine Sulfate
Neocinchophen
Papaverine
Phenobarbital
Phenobarbital Sodium
Phenolphthalein
Podophyllin
Potassium Bromide
Potassium Citrate
Potassium Guaiacol Sulfonate
Potassium Iodide
Quinine Bisulfate
Quinine Hydrochloride
Quinine Sulfate
Other Quinine Salts
Salol
Silver Nucleinate
Sodium Bromide
Sodium Citrate
Sodium Salicylate
Strontium Bromide
Strychnine Sulfate
Strychnine Nitrate
Terpin Hydrate
Theobromine
Theophylline

MERCK & CO. INC. *Manufacturing Chemists* RAHWAY, N. J.

NEW YORK • PHILADELPHIA • ST. LOUIS • IN CANADA: MERCK & CO. LTD., MONTREAL AND TORONTO

Pharmaceutical Research Group Elects W.J.Husa Chairman

At the sixteenth annual meeting of the National Conference on Pharmaceutical Research, held in Minneapolis recently, the following officers were elected for the ensuing year:—Chairman, William J. Husa; vice-chairman, Heber W. Youngken; secretary, John C. Krantz, jr.; treasurer, Fitzgerald Dunning; executive committee, G. D. Beal, F. E. Bibbins, and J. C. Munch.

Fritzsche Bros. 25-Year Club Augmented by W. Barnes

William Barnes, manager of the subdivision laboratory of Fritzsche Brothers, essential oils and aromatics, became a member of the organization's Quarter of a Century Club on September 19.

Mr. Barnes was tendered a luncheon over which F. H. Leonhardt, president of the company, presided, and received a government bond of substantial denomination as a token of the firm's appreciation and regard for faithful service. His fellow employees presented him with a gold wrist watch.

The club membership now totals eleven. Those attending the luncheon, in addition to Mr. Leonhardt were the Misses Mary Neary and Mae Caufield, W. A. R. Welcke, first vice-president and treasurer; R. R. Redanz, assistant treasurer; Thomas Coyle, Francis Riley and Robert Waugh.

Walter White New President Of Emerson Drug Company

At a meeting held last week, Walter W. White, chairman of the executive committee of the Emerson Drug Company, Baltimore, was elected president of the company, as successor of the late J. Edward Murray, Mr. White now holding both offices. Mr. White is a son-in-law of the late Capt. Isaac E. Emerson, who founded the "Bromo-Seltzer" business.

Mr. White is also president and chairman of the executive committee of the Citro Chemical Company, Maywood, N. J., and chairman of the executive committee of the Maryland Glass Company, Baltimore.

The Canadian Emerson company, of whose executive committee Mr. White is chairman, now has as president F. Jack Andrews, who for twenty years has been general manager of that company.

Carbide & Carbon Corp. Issues Folder Describing Ketones

The Carbide and Carbon Chemicals Corporation has published a new folder entitled "Synthetic Ketones." Known as "Chemical Group Folder No. 6," this publication is the first of a series of new folders which are designed to present, briefly and concisely, in formation on various organic chemical families. The present folder covers the applications and properties of fourteen synthetic ketones which are used as industrial solvents and intermediates. A convenient table shows boiling points, vapor pressures, solubilities, and other properties in a form in which they can be easily compared. Copies of "Synthetic Ketones" can be obtained from the company, 30 East Forty-second street, this city.

Gould Sees Higher Quicksilver Market Soon

H. H. Gould, president of H. H. Gould & Co., quicksilver miner and merchant, San Francisco, Calif., was a visitor to local mercury trade circles during the past two weeks.

Mr. Gould reported that there were definite signs that the quicksilver market was working into stronger position. Inability freely to purchase foreign-mined mercury has turned domestic manufacturing consumers to domestic sources of supply, he said,' and production has been stimulated substantially not only in the Pacific Coast mines but also in those located elsewhere in the country.

He declared that the extremely wide spread between the price of domestic metal and that to be paid for metal landed from Europe was unnatural and destined to disappear with the abatement of special conditions which already appear to be on the way out.

On Friday, Mr. Gould left for Florida, and will fly home in the nearby future.

DOW ACETPHENETIDIN U.S.P.

FIRST CHOICE OF LEADING MANUFACTURERS

PHARMACEUTICAL manufacturers rely heavily on the dependable quality and uniformity of Dow Acetphenetidin, U.S.P.

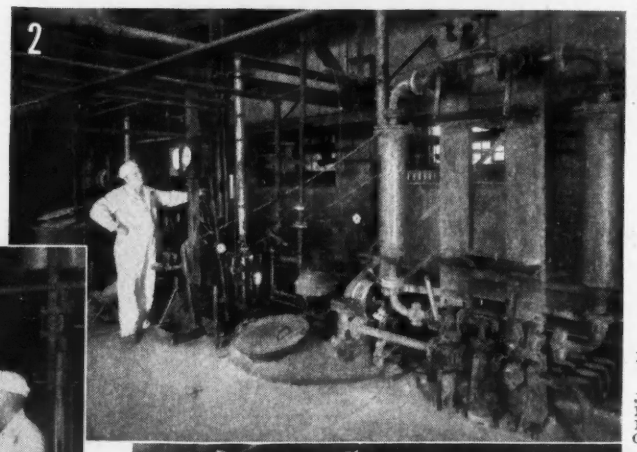
The purity of this product exceeds even the high standards of the U. S. Pharmacopoeia, as indicated by its melting point of 134½ to 135½° C. This purity and the uniform, fine, white crystalline structure are significant of the general high quality consistently maintained.

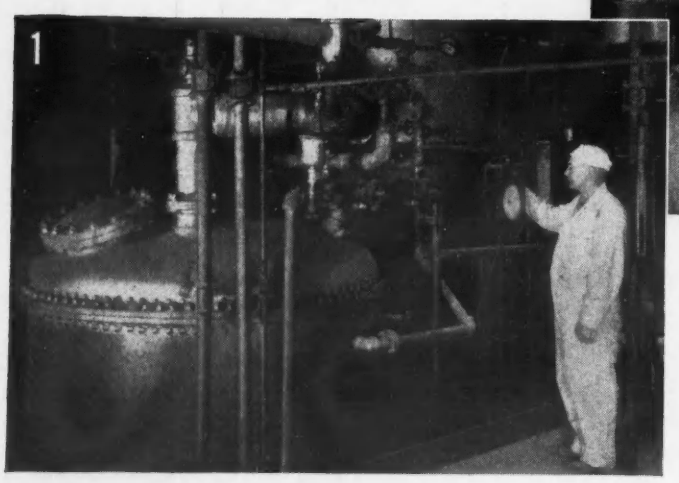
As a foremost producer of Acetphenetidin, U.S.P., Dow recognizes its responsibility by increasingly rigid production standards and by constant research toward the betterment of its products.

THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, St. Louis; Field Building, Chicago; 1400 16th Street, San Francisco; 2260 East 15th Street, Los Angeles

Twice Ground through pulverizing mills to 200 mesh fineness, the finished Acetphenetidin is characterized by exceptional whiteness, is always uniform in quality.





1 Freshly Distilled Paraphenetidin is reacted to form crude Acetphenetidin.

2 Refining Includes washings and recrystallizations from hot alcohol, then filtering through special, paper-lined, cloth filters.

3 Preliminary Drying of the purified Acetphenetidin crystals is done in a centrifuge. Ovens complete the drying process.

TRADE DOW MARK REG. U. S. PAT. OFF.

London Drug and Oil Data

Stocks of certain drugs, oils, and related materials in London public warehouses at July 31, 1938 and 1937, and movements of goods of this category into and out of those premises in the month of July, 1938, were as follows:—

	Landed.	Delivered.	Stocks 1938.	Stocks 1937.
Shellac—Orange ..cs.	4,965	9,892	120,612	141,659
Garnet .....do.	40	84	915	1,232
Button .....do.	348	288	1,042	1,257
Totals	5,353	10,264	122,569	144,148
Quinine—Sulphate... lbs.	2,000	2,000	....	....
Cinchona bark—				
South American..cs.	....	....	....	....
bales, etc.	....	....	....	....
East India, Ceylon and Java..... cs. bls, etc.	12	54	395	281
Totals	12	54	395	281
Aloes .....cwt.	23	90	110	334
Anise seed, star.do.	....	2	39	83
Arrowroot .....bbls.	450	496	2,541	2,421
boxes and tins.	....	....	....	....
Balsam .....cwt.	43	45	182	56
Cascara sagrada.... tons.	....	6	71	75
Tanners' bark..tons.	....	....	....	....
Wax—Bees ....pkgs.	598	982	2,912	3,437
Japan .....cs. etc.	116	49	387	204
Camphor .....pkgs.	23	22	327	20
Cardamom .....cwt.	270	232	756	256
Cochineal .....bags.	....	8	37	53
Coculus indicus...do.	....	....	....	....
Colombo root.....do.	....	143	1,397	101
Cubebs .....do.	30	11	19	11
Dragon's blood...cs.	12	....	127	164
Nutgalls—				
China & Japan..cs.	....	....	....	886
Turkey & Persian. bags.	18	3	186	234
Gum—				
Ammoniac ...pkgs.	....	1	55	38
Animi .....do.	28	21	239	552
Copal .....do.	3,055	2,992	15,857	14,803
Arabic (all descriptions) .....do.	1,542	1,968	11,071	21,474
Assafetida ....cwt.	13	3	262	497
Benzoin .....do.	14	56	452	764
Dammar .....pkgs.	691	1,697	5,302	5,729
Gamboge .....cwt.	2	9	15	49
Guaiac .....do.	3	2	5	37
Elemi .....pkgs.	....	....	....	....
Kauri ..tons (net).	15	81	108	245
Mastic .....pkgs.	2	9	51	94
Myrrh, East India. do.	39	2	44	12
Olibanum .....do.	....	19	345	264
Sandarac .....do.	....	23	293	187
Tragacanth ....do.	120	331	4,339	3,387
Ipecac—				
Mattagrosso ..cwt.	83	58	64	63
Other sorts.....do.	....	2	45	41
Jalap .....do.	22	18	151	21
Myrobalans ....tons.	....	..	1	2
Nux vomica.....cwt.	40	40	241	237
Oils—Castor .....do.	102	168	186	123
Coconut .....do.	163	102	17	25
Olive .....cks, etc.	664	704	901	1,011
*Anise .....cwt.	....	....	1	17
*Cassia .....do.	....	....	7	16
Graphite .....tons.	46	43	60	11
Rhubarb—				
Chinese Rhapontica cwt.	61	59	415	292
Saltpeter .....tons.	17	9	88	8
Soda nitrate....do.	....	700	757	784
Sarsaparilla ....cwt.	20	28	240	227
Senna .....bales.	141	216	2,129	2,847
Sticklac .....cs.	1,138	1,012	1,070	2,679
Gambier .....tons.	7	8	18	5
Cutch .....do.	2	....	16	10
Turmeric, Bengal... tons.	....	....	19	16
Madras, Cochin, etc. do.	39	18	98	78
Total tons.....	39	18	117	94

* Not including stocks at certain wharves.

J. L. Windle, managing director of Adeps Lanae, Ltd., Bradford, England, arrived in this country September 24 to visit the New York agent for the company, E. Dewitt Osborne.

Percy C. Magnus, president of Magnus, Mabee & Reynard, aromatic materials, this city, is supplementing his N.W.D.A. convention activities with some extra engagements in connection with the F.W.D.A. meeting this week, the stimulus being to make the Chicago conventioners better acquainted with the branch of his company in that city.

Paint, Varnish, Lacquer Sales Up

The value of paint, varnish, lacquer and fillers sold in August, as reported by 680 establishments to the Bureau of Census, was $30,182,013. Details of sales reported by these establishments and comparative data for 1938 follow:—

		Classified sales reported by 580 establishments				Unclassified
	Total sales reported by 680 establishments.	Trade sales of paint, varnish, and lacquer.	Industrial sales			sales reported by 100 establishments.
			Total.	Paint and varnish.	Lacquer.	
1938.						
January	$22,115,195	$11,448,115	$8,282,661	$5,748,170	$2,534,491	$2,384,419
February	22,625,906	12,535,636	7,942,419	5,455,659	2,486,760	2,147,851
March	30,728,890	17,227,950	10,417,161	7,285,635	3,131,526	3,083,779
April	34,731,597	20,861,998	10,392,797	7,498,010	2,894,787	3,476,802
May	36,827,421	22,900,709	10,135,607	7,292,333	2,843,274	3,791,105
June	33,936,706	20,767,900	9,763,856	7,049,096	2,714,760	3,404,950
July	27,946,084	16,368,159	8,806,128	6,384,620	2,421,508	2,771,797
August	30,182,013	17,224,845	9,894,867	6,879,994	3,014,873	3,062,301
Totals, 8 mos.	$239,093,812	$139,335,312	$75,635,496	$53,593,517	$22,041,979	$24,123,004
1937.						
January to July	271,063,169	141,045,677	105,017,511	75,457,841	29,559,670	24,999,981
August	35,305,043	18,521,006	13,517,878	9,230,886	4,286,992	3,266,159
Totals, 8 mos.	$306,368,212	$159,566,683	$118,535,389	$84,688,727	$33,846,662	$28,266,140
Totals, year	$419,103,821	$215,868,460	$164,160,287	$115,295,425	$48,864,862	$39,075,074

Corporation Earnings Recently Reported

		1938		1937	
	Period.	Net income.	Per share.	Net income.	Per share.
Aluminum Industries, Inc.	6 mos.	*$43,060	...	$74,906	$0.75
Archer-Daniels-Midland Co.	6 mos.	437,737	.43	2,967,296	5.03
Celotex Corp.	9 mos.	278,851	.54	1,035,798	3.45
Clorox Chemical Co.	6 mos.	329,050	3.00	359,141	3.28
Crown Cork International Corp.	6 mos.	150,802	...	200,621	...
Holly Oil	6 mos.	40,307	.22	51,223	.28
International Agricultural Corp.	6 mos.	701,328	.03	770,154	.16
Plymouth Oil Co.	8 mos.	1,789,293	1.76	1,838,609	1.75
Sunshine Mining Co.	6 mos.	1,958,091	1.32	2,798,183	1.88
Valspar Corp.	Year	79,997	...	310,468	.55

* Deficit.

Dividends Declared

Class and period.	Amt.	Pay.	Record.
Amer. Can Co. Com. (Q)	$1.00	Nov. 15	Oct. 25
Amer. Hard Rubber Co. Pfd. (Q)	2.00	Sept. 30	Sept. 16
Am. Home Prods. Corp. Com. (M)	.20	Oct. 1	Sept. 14
Am. Maize Prods. Co. Com.	.25	Sept. 30	Sept. 20
Anchor Hocking Glass Corp., Pfd. (Q)	1.62½	Oct. 1	Sept. 23
Angostura-Wupper-mann Corp., Com.	.05	Oct. 1	Sept. 28
Badger Paint & Hard-ware Stores, Inc. Com. (Q)	.50	Oct. 1	Sept. 24
Bon Ami Co. A	1.00	Oct. 31	Oct. 15
Bon Ami Co. B	.62½	Oct. 31	Oct. 15
Clorox Chem. Co. (Q).	.75	Sept. 26	Sept. 15
Cons. Oil Corp. Com. (Q)	.20	Nov. 15	Oct. 14
Coronet Phos. Co. Com.	1.25	Sept. 30	Sept. 20
Devoe & Raynolds Cl. A	.25	Oct. 1	Sept. 24
Devoe & Raynolds Cl. B	.25	Oct. 1	Sept. 24
Emerson Drug Co. Com. A	.40	Oct. 1	Sept. 22
Emerson Drug Co. Com. B	.40	Oct. 1	Sept. 22
Frick Co., Inc. Pfd. (Q)	.75	Oct. 1	Sept. 21
Gen. Pnt. Corp. Pfd. (Q)	.67	Oct. 1	Sept. 16
Gulf Oil Corp.	.25	Oct. 1	Sept. 15
Hershey Choc. Corp. Com. (Q)	.75	Nov. 15	Oct. 25
Hygrade Sylvania Corp. Pfd. 6½% (Q)	1.62½	Oct. 1	Sept. 10
Kleinert (I.B.) Rubber Co., Com.	.10	Sept. 30	Sept. 15
Lambert Co. Com.	.37½	Oct. 1	Sept. 16
MacAndrews & Forbes Com. (Q)	.50	Oct. 15	Sept. 30
Mathieson Alk. Wks. Com. (Q)	.37½	Sept. 30	Sept. 7
Mead Johnson & Co. Com. (Q)	.75	Oct. 1	Sept. 15
Mead Johnson & Co. Ext.	.75	Oct. 1	Sept. 15
Niagara Falls Smelt. & Refg. Corp. Com. (Q)	.25	Sept. 30	Sept. 15
Pitts. Plate Glass Co.	.25	Oct. 1	Sept. 10
Quaker Oats Co. Pfd. (Q)	1.50	Nov. 30	Nov. 1
Std. Wholesale Pros. & Acid Wks. (Q)	.20	Oct. 15	Sept. 30
Univ. Prods. Co.	.25	Sept. 30	Sept. 26
Victor Chem. Works Com.	.20	Sept. 30	Sept. 20

Trade Briefs

George D. Ellis & Sons, metal containers, Philadelphia, has acquired the Myers Manufacturing Company, metal boxes, Camden, N. J.

Shell Oil Company has awarded a contract for construction of a cooling tower at its Dominguez Refinery, near Los Angeles, to cost $3,700.

Coca-Cola Company, Atlanta, plans the construction of a bottling plant in Baltimore, at a cost of $400,000, with machinery and equipment installations.

E. Dewitt Osborne, this city, has been appointed exclusive agent in the United States for Java citronella oil by H. Th. L. Van Hecking Colenorander, Indramajoe, Java.

G. F. Mehren, formerly with Lepel High Frequency Laboratory, Inc., has joined the Chicago sales staff of Magnus, Mabee & Reynard, Inc., essential oils, this city.

Continental Oil Company, Ponca City, Okla., has established a retirement and pension fund for all its employees who reach the age of sixty-five in the case of men and sixty in the case of women.

Homestake Mercury Mines, Inc., has been organized to take over and operate the Johnson Creek mercury mines, in Crook county, near Prineville, Oregon. John C. Stevenson, engineer of Seattle, Wash., is one of the backers.

Haller & Phillips, Ltd., chemical merchant, London, is observing its fiftieth anniversary, the business having been founded in 1848 as Geo. Haller & Co., by J. G. Haller, who is chairman of the present company. G. W. Phillips, who has been associated with the business for many years, is managing director.

Two Necessary Books
by
Charles Wesley Dunn, Esq.
"Federal Food, Drug, and Cosmetic Act"
Pages: over 1000; Price: $6.00;
and
"Wheeler-Lea Act"
Pages: over 500; Price: $4.00

To be published by G. E. Stechert & Co., 31 East 10th St., New York, about October 1, 1938.

These books contain comprehensive statements of the legislative record of the respective acts and a comprehensive subject index of them. Each is an authoritative source of information on the development of the act and its intendment.

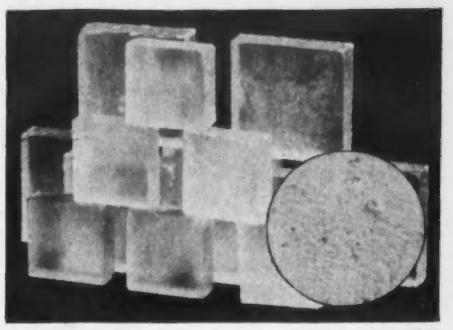
SPECIAL OFFER: A combination price of $5.00 for the two books; or a 20% discount.

These books may be procured from the Oil, Paint and Drug Reporter at the publisher's prices.

SPECIAL NOTICE: Each subscriber to the Food, Drug and Cosmetic Service by the Bureau of National Affairs, Inc., Washington, D. C., will receive the two books gratis.

NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE POWDERED-GRANULAR
BETA LACTOSE IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

Every Tablet of
SHERKA CAMPHOR, U. S. P.
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



Surface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.

for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
Meets all U.S.P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder—all available from one source.
Write for comparative samples and prices to
SHERKA CHEMICAL CO., Inc. or **Bloomfield, N. J.— Importers**
GEORGE UHE COMPANY
80 Eighth Avenue, New York, N. Y.
Distributors

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
CINCHOPHEN NF VI
NEO-CINCHOPHEN U. S. P.

RESORCIN
CATECHOL - META-NITRO-PARA-TOLUIDINE
PENNSYLVANIA COAL PRODUCTS COMPANY
PETROLIA, PENNSYLVANIA

Attend the
Third Annual
FALL MEETING AND GOLF TOURNAMENT
Friday and Saturday
October 21-22
Sky Top Lodge
Skytop, Pennsylvania
sponsored by the
DRUG, CHEMICAL AND ALLIED TRADES SECTION
NEW YORK BOARD OF TRADE

DU PONT
The R. & H. Chemicals Department
E. I. Du Pont De Nemours & Co., Inc.
Wilmington, Delaware
Manufacturers of chemicals for the
SOLVENT, TEXTILE, PLATING, STEEL TREATING, PAINT, PLASTICS, CERAMICS, REFRIGERATION, DRY CLEANING, LEATHER, PAPER, AND OTHER INDUSTRIES

Getting down to EARTH ...on BOTANICALS

GUMS
ALKALOIDS
COSMETIC RAW MATERIALS
FISH LIVER OILS
BOTANICAL DRUGS
INSECTICIDE BASES

Quality? Price? Varied Stock? Quick delivery? Which of these determine your botanical purchases? Many wise botanical buyers have found that in the long run it pays to obtain all their crude drug needs from a house that can offer all these services from year to year. With this objective in view, you can confidently make S. B. Penick your constant headquarters for every botanical requirement.

Penick botanical stocks are always fresh, quality-controlled by scientific supervision. About 1,000 plant drugs are always on hand for complete and accurate order filling. Prompt shipments are assured by plants strategically located in several sections of the country and by superior facilities that speed up production. And as for prices—just ask for quotations and see for yourself.

Ask to Be Placed on the "Price List and Manual" Mailing List

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK 1228 W. KINZIE STREET, CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

N.W.D.A. Fact-Finding Activities Expanded

—Continued from page 3

General Johnson Speaks

In an address, "Where Do We Go from Here?", Gen. Hugh S. Johnson said that nobody could foretell this until there had been a clarification of four forces that were retarding recovery—(1) Taxes that confiscate property; (2) the burden of taxes on the public consuming power; (3) uncertainty of debt and fiscal policy of the government; (4) legislating to limit profits directly or by adding to costs. His comments on those forces were characteristically pungent.

At the conclusion of his address General Johnson answered a number of questions put by members of the audience, commenting on all manner of subjects, from monopoly investigation to wage laws, from communistic drifts to international disruptions threatening of war. Bulletins from the European "war centers" were read frequently from the rostrum during the sessions.

A feature of the informal meeting of wholesale druggists, Monday afternoon, was an informative address on "Labor Relations," by Ralph A. Lind. Meeting at the same time, but separately, manufacturers discussed various aspects of distribution practices and policies.

Hon. Garland S. Ferguson, chairman of the Federal Trade Commission, reviewed for the convention the enforcement problems of the commission, with special reference to its role under the Wheeler-Lea act. The legal aspects of fair trade were discussed by W. F. Allen, counsel for the association.

Wholesalers' Services

A graphic outline of the several items of cost in the operations of a wholesale druggist was presented by Charles D. Doerr, chairman of the committee on marketing statistics. This showed how the wholesaler's costs are divided among his selling, warehousing, taxpaying, credit extension, inventory-carrying, and management functions.

The contribution of the wholesale druggist to the building of sales was explained by Dr. E. L. Lloyd, of the Marketing Research Division of the Bureau of Foreign and Domestic Commerce, United States Department of Commerce. The value of the services of the wholesaler in the economy of distribution was told by John Albright, chief of wholesale distribution work in the Bureau of the Census.

The value of currently continuous statistical records in the understanding of markets was graphically portrayed in charts by A. C. Nielson. The speaker presented, among others, some interesting data on the effects of fair trade laws on retail prices and the distribution of sales among various classes of retail outlets.

Opportunities at World Fair

The plans for presenting the drug trade at the New York World Fair next year were explained in detail by Joseph A. Huisking, chairman of the committee on the trade's participation in that event. Mr. Huisking said that these plans were primarily directed to the demonstration to the public of the concrete importance of the drug industry and of its relative importance in American industry. He explained how exhibits were to be grouped, and he spoke particularly of the value in public relations of the proposed International Drug Club to be maintained in the Show Globe Hall of Pharmacy at the fair.

The necessity that uniformity and reasonableness in State food, drug, and cosmetic legislation be sought vigorously by the drug trade was the theme of an address by Dr. F. J. Cullen, general representative in Washington of the Proprietary Association. Dr. Cullen told what had already been done unnecessarily to burden the trade in laws enacted in Louisiana and North Dakota, and he emphasized the power that would be put behind so-called "consumer" legislation in the coming sessions of State legislatures.

Dr. Cullen urged immediate strenuous work in furtherance of uniform State laws paralleling the Federal act, and declared that State Administrators should adopt the Federal regulations. It was his opinion that State regulation of advertising was not necessary.

As a prophetic review of the next decade, Walter D. Fuller, president of the Curtis Publishing Company spoke as he felt he might be enabled to speak to an N.W.D.A. convention in 1948. He foresaw the development of a more friendly governmental attitude toward business and the engendering thereby of better cooperation on the part of business. He saw taxes transferred from a punitive relation to profits to a basis that would be an incentive to business expansion and prosperity.

Mr. Fuller laid special stress on the attention given during the decade following 1938, by business and by government, to analyses of and promotion of improvement in distributive practices, pointing out the gains that had been made by more efficient and more intensive selling. He found the idea of legislative control of competition to have been abandoned in favor of a leveling-up policy, with full recognition of the fact that in certain places and certain operations cooperation is more desirable among competitors than is antagonistic striving. In this development, trade associations had played a large part and one of which he felt now they were capable if they would get together among themselves and construct a forward-looking program and put behind this the power they possess.

Selective selling had become the rule in 1938. Fair trade laws still existed, but were largely unnecessary because the drug trade had developed a cooperative spirit recognizing the prime desirability of working for the dollar value of all operations to the trade as a whole. Mr. Fuller found the sales division of the drug trade developed to adequacy in relation to production, able to find markets for new products and to find new markets to be met by productive developments.

The relations of wholesaler and manufacturer were ably discussed by Earl A. Means as chairman of the committee on manufacturers. Mr. Means had some throat trouble and his report was presented by J. S. Norton. It dealt with men and their relations, rather than with plans, and it set forth factual evidence of the desirability of cooperative support of the manufacturer by the wholesaler.

Financially overloading of retailers to push long-profit slow-movers was pictured in the report as contrary to cooperation and detrimental to the wholesaler. Counting the cost of unsuccessful sales efforts would show this, Mr. Means said, and he urged efficient regard for all that meant bigger, better, and cleaner business.

John C. Davis, chairman of the committee on wholesalers, commenting on Mr. Means's report, said that the middleman couldn't be cut out, but could become more evidently of value.

The New Officers

There was no opposition to the slate presented by the nominating committee, and the following officers were elected:—

President, John C. Davis, of the Davis Brothers Drug Company, Denver.

Vice-presidents, McKay Van Vleet, of McKesson & Robbins, Inc.; Memphis; Harold M. Altshul, of Ketchum & Co., New York; H. E. Brown, of McKesson & Robbins, Inc., Portland, Ore.; R. L. Hanson, of Charles Leich & Co., Evansville, Ind.; A. B. Benson, of McKesson & Robbins, Inc., Rochester, N. Y.

Members of board of control, three-year term, E. P. Schrader, of the Meyer Brothers Drug Company, St. Louis; Lee W. Hutchins, of the Hazeltine & Perkins Drug Company, Grand Rapids, Mich.; A. D. Berry, of McKesson-Berry-Martin, Nashville; Henry Michaels, of McKesson & Robbins, Inc., San Francisco.

The entertainment side of the convention was lavish and enjoyable. The weather was fine until this afternoon.

Next year the association will again meet here, during the week of September 25.

A comprehensive account of the convention will be printed in the Reporter next week.

Thompson Buys Borax Claims

Los Angeles, Sept. 27, 1938

The borax holdings known as the Green Flame claims of the Nevada Borax Company, of Las Vegas, Nev., have been purchased by the Walter J. Thompson Company, Ltd. This property consists of three claims in Clark county, Nevada, 22 miles east of Crystal, and near the main workings of the old American Borax Company. The Thompson company has long been identified with borates, and during 1934-1935 successfully operated the Russell Mine in Death Valley.

Botanical Drugs, Spices, and Gums

Accord Between England, France, Germany and Italy Ends Czechoslovak-German Crisis—Normal Shipments of Botanicals Assured—Policy of Stock Conservation Governed Sales

Normal trade in European botanical drugs was assured dealers and consumers in the United States when, at one o'clock on the morning of September 30, the prime ministers of England and France, together with the chancellor of the German Reich and the supreme head of the Italian state signed an accord whereby partition of Czechoslovakia was agreed upon. Immediate war between Czechoslovakia and Germany was averted only twenty-four hours before the deadline of October 1, the date set by ultimatum of the German chancellor for the forceful conquest of the Sudeten area of the Czech Republic.

The critical week, which climaxed in the complete triumph of Germany, ended a period in which trading in botanical drugs in this market was strongly influenced by the danger of a general European war. Interruption of a continuous flow of European crude drugs to this market was threatened, and the immediate problem of dealers was whether to sell freely in response to the larger demand from consumers, or to reserve their spot stocks in order to conserve supplies in the long range interest of their customers.

Many buyers were disposed to contract for goods to be delivered later and much of this business would have had to be covered by purchases from European stocks offered for shipment. The orders could have been placed abroad, but local dealers had no guarantee that shipments would be made. Threat of war made shipments in the future distinctly problematical.

For the most part, dealers took the path of conservatism. Few if any gambled on the future. They sat tight, awaiting the final issue of the German-Czech crisis and kept business as near to normal as possible, not neglecting the fact that the best interest of dealer and consumer alike would be served by assuring as complete stocks as possible to this market should Europe go to war.

Trade was brisk throughout the entire week of the crisis. While somewhat routine in character, all dealers reported a period of substantial activity and the result was a general firmness of prices and a reduction of price changes to moderate totals.

Another crisis that passed during the week was the virtual ending of the trucking strike that for ten days or so had tied up shipments of botanical drugs. While peace between employers and employees was not complete, the compromise proposed by the mayor of New York City was accepted by the majority of trucking concerns and individuals.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	565	1,509
Belladonna	51	245
Caraway	784	10,963
Cardamom (cases)	49	1,234
Celery	...	1,733
Coriander	2,012	7,878
Cumin	856	2,444
Digitalis leaves (cases)	68	88
Dill	...	486
Fennel	256	719
Henbane leaves (bales)	42	107
Mustard	200	25,471
Poppy	300	28,648
Sage leaves (bales)	25	964
Sesame	1,129	8,946
Stramonium (bales)	516	560
Thyme (bales)	9	777

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cumin seed, Algerian, ¼c. per lb.
Linden flowers, with leaves, 2c. per lb.
Lycopodium, 3c. per lb.
Orange peel, sweet, 2c. per lb.
Prickly ash bark, 1c. per lb.
Prickly ash berries, 4c. per lb.
Pepper, black, Alleppy, ¼c. per lb.
Valerian root, ½c. per lb.

Reduced

Buchu leaves, 1c. per lb.
Poppy seed, Dutch, ¼c. per lb.
Pimento, ½c. per lb.
Rhubarb root, whole, 2c. per lb.
powdered, 2c. per lb.
Raspberries, dried, 2c. per lb.
Uva ursi leaves, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
121.6	121.3	122.7	135.5

Market news that may have developed since this report was sent to press will be found on page 4.

Balsams

Copaiba.—Inquiry was light and volume was less than that common in the market in recent weeks. However, prices continued to be steady.

Fir.—Steadier undertones prevailed on the spot. The Canadian balsam was well held on the basis reached by several declines in prices. Oregon was also on the steadier side. Demand was routine.

Barks

Elm.—The undertone was very steady and conditions seemed to indicate that present quotations would probably be minimum during the season. Reserve stocks were of fair size, but they did not indicate any substantial surplus.

Orange Peel.—Sweet peel continued to advance and the market last week was 13c. to 15c. per pound. Stocks were not ample and replacement costs were fully firm on the recently higher level.

Prickly Ash.—Sales were made at the higher level of 12c. to 13c. per pound and a generally firmer spot corresponded with that prevailing in the primary market. Competition was not very active.

Sassafras.—The outlook favored a fairly liberal supply wherewith to meet consuming requirements during the coming active season. Prices were fully steady and some expect them to rise moderately when consumption gets under way.

Simarubra.—Business showed some improvement. At least one local dealer reported a gain in movement into consumption. The market was found to be generally firm.

Beans

Tonka.—Very steady undertones prevailed on the spot. While movement was not productive of a large volume, it was steady and sufficient in size to keep prices well maintained on the side of firmness.

Vanilla.—Naturally, the war scare that prevailed last week did nothing to weaken the market on this article. Already firm to strong in France, Bourbon beans gained strength that was in keeping with the inflationary influence that danger of war usually brings to merchandise supplied by belligerents. Locally, values were fully firm and a fair amount of demand added to the strength that resulted in well-held prices.

Berries

Prickly Ash.—Prices were higher in the country and spot values rose to the basis of 18c. to 20c. per pound, backed by some fair sized sales into consumption.

Raspberries.—Prices worked lower, being down to the basis of 36c. to 38c. per pound and resting easy thereat under the influence of more competition in local circles.

Flowers

Arnica.—The firmer market recently reported lacked further developments. Those with local stocks watched conditions abroad closely with a view to making their spot sales policies conform to the possibilities of the European situation.

Chamomile.—Hungarian flowers were steadier. In view of the uncertainties of the European situation, the tendency was to go slow in booking large orders until such time as conditions abroad shall be more fully disclosed.

Linden.—Flowers with leaves were higher at 27c. to 30c. per pound when competition receded and a close watch on European developments tended to make holders of spot goods somewhat reserved in their attitude toward sales in large lots. Flowers without leaves lacked change.

Poppy.—Prices became more stable and offerings at 55c. per pound minimum failed to attract more than a few buyers of the material. Competition was keen throughout the period.

Saffron.—Stability prevailed in this market. Moderate stocks were offered moderately and full prices were obtained throughout the period because of the lack of any tendency toward substantial price competition between suppliers.

Gums

Arabic.—The firmer undertones continued but curtailment of sales to certain consuming trades, the result of the recent hurricane, led to the market being less active than it had been. Prices lacked quotable change.

Asafetida.—The position of powdered material has become slightly easier with the arrival of cooler weather; sellers can now carry some reserve stocks whereas during the hot months of Summer orders when goods had to

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

THEY TAKE YOUR WORD FOR IT!

Each time a user of your product buys it, he testifies that he takes your word for the claims you make. Each repeat sale thereafter is a confirmation of the fact that your product has kept its promise. To maintain that feeling at all costs is the most important function of your preparation—and our Botanical Crude Drugs. For nearly a half-century, we have had the privilege of helping manufacturers maintain the uniformity and quality, which build success, by supplying the world's finest Foreign and Domestic botanical crude drugs in all commercially used forms. In the merchandise we sell to you and the products *you* sell your customers, "quality is remembered long after price is forgotten." And, after all, it costs as much to manufacture a low-test product as a high-test product. We invite the opportunity of serving you. *Samples and quotations on request.*

The Earth Contributes
AND
J.L. HOPKINS & CO.
DISTRIBUTE
ALL KINDS OF ROOTS, BARKS, HERBS, GUMS, LEAVES & SEEDS, WHICH ARE USED FOR MEDICINAL PURPOSES; WHOLE, GROUND OR POWDERED
TRADE
MARK

J. L. HOPKINS & CO.
PROFESSIONALLY MILLED
ANALYZED—STANDARDIZED CRUDE DRUGS
220 BROADWAY • NEW YORK

Vanilla Beans--Tonka Beans
Thurston & Braidich, Importers, 286 Spring Street, New York

OIL
JUNIPER BERRIES
—Dutch twice rectified
—Dutch rectified
Production carefully controlled
SCHIMMEL & CO. INC.
601 West 26 St. New York, N. Y.

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

ORBIS are GUM SPECIALISTS
Write for Prices and Samples

ORBIS
PRODUCTS CORP.
215 PEARL STREET
NEW YORK, N.Y.

GUMS
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
LOCUST BEAN GUM
(CAROB FLOUR)
NEW ENGLAND REP.
G. H. BUNTON
CAMBRIDGE, MASS.
×
PHILADELPHIA REP.
R. PELTZ & CO.
112 SO. 16TH ST.
PAUL A. DUNKEL & CO., INC.
82 WALL ST., NEW YORK, N.Y. HANOVER 2-3750

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
50 East 41st Street New York City
Member:—Association of Consulting Chemists and Chemical Engineers

Colorimetric and Spectrophotometric Analyses, Ultra-Violet Transmission and Absorption. Extinction Coefficient of Vitamin A Oils. ETL Know-by Test Accelerated Aging Tests of Paints, Electrical, Chemical and Physical Tests of Oils, Papers and Engineering Materials.
Certification and Witness Tests
ELECTRICAL TESTING LABORATORIES
East End Avenue and 79th Street, New York, N. Y.

Philip B. Hawk, Ph.D., Pres. Bernard L. Oser, Ph.D., Dir.
FOOD RESEARCH LABORATORIES, INC.
114 E. 32nd Street, New York
Research — Consultation — Testimony
FOODS — DRUGS — COSMETICS
SPECIALISTS IN VITAMINS
Members Association of Consulting Chemists and Chemical Engineers
Write for "Science at Your Service"

GOODMAN, REX, M.D.
Formerly Medical Officer, Drug Division Food and Drug Administration, Washington
Consultant
Labeling and Advertising of Drug Preparations, Cosmetics, etc., under the Federal Food and Drugs Act and Law Enforced by Federal Trade Commission.
Cary . . . . . Mississippi

Charles H. LaWall Joseph W. E. Harrisson
LAWALL AND HARRISSON
Analytical and Consulting Chemists
Pharmaceutical and Chemical Research. Process and Formula Development. Food, Drug and Water Analyses. Legal Testimony.
214 So. 12th Street, Philadelphia, Pa.

Pease Laboratories, Inc.
CHEMISTS SANITARIANS BACTERIOLOGISTS
ANALYSTS SCIENTIFIC LIBRARY SERVICE
MEDICAL ADVERTISING AND TECHNICAL CONSULTANTS
39 West 38th Street . . . . . New York

Protect Your Ideas By PATENTS
Call or send me a sketch or simple model
WHAT IS YOUR INVENTION?
Z. H. Polacheck 1234 BROADWAY NEW YORK PATENT ATTORNEY ENGINEER CONFIDENTIAL ADVICE
Register Your TRADE MARKS
U. S. Pat. Off. records searched
ANY Invention or Trade Mark
FREE CONSULTATION LITERATURE
Phone LOngacre 5-3088

W. S. Purdy Co., Inc.
ANALYTICAL AND CONSULTING CHEMISTS
Petroleum Oils, Waxes, Greases, Soaps, Fuel Oils, Coal
Phone HAnover 2-3772
128 Water Street New York City, N. Y.

Sadtler, Samuel P., & Son, Inc.
Research and Analytical Chemists
CHEMICAL ENGINEERS
Patent and Legal Testimony
210 South 13th Street.....Philadelphia, Pa.
"Nothing Pays Like Research"

BACTERIOLOGY
Research Routine
Industrial Medical
LELAND BROWN LABORATORIES
6816 Market St. Upper Darby, Pa.

Barsky & Strauss, Inc.
Chemists and Chemical Engineers
202 East 44th Street
New York City
Telephone MUrray Hill 2-3689 Cable Address "Barstra"

Bureau of Chemistry
New York Produce Exchange
H. B. Trevithick, Ph. B., B. S.
2 Broadway New York
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Foods, Spices, Chemicals, etc.
Consultation—Research.

Calvert, Robert
Registered Patent Attorney since 1930
CHEMICAL PATENTS
Particularly experienced in Plastics, Resins, Cellulose Derivatives, Lacquers, Solvents, Petroleum Synthetics, Miscellaneous Products.
50 E. 41st St., N. Y. LEx. 2-7640

Michael J. Carpinello, Inc.
OFFICIAL and LICENSED SAMPLERS, WEIGHERS, and INSPECTORS
Members N. Y. Produce Exchange, Oil Trades Association of N. Y.
Official Weighers, Inspectors and Samplers for the N. Y. Produce Exchange, the National Cottonseed Products' Assn., the N. Y. Cocoa Exchange, Inc.
2 Broadway, New York. Tel. BO. 9-0416

Collapsible Tube Filling
Ointments, Lubricants, Adhesives, Polishes, Cosmetics, Dental Creams, etc.
Your material or ours. Manufacturing facilities from 1 gross up. Complete packaging if you wish. Reasonable rates. Let us quote you.
Day Chemical Co. 480 Washington St.
Irving Biber, Ph.G. Newark, N. J.

Ellis-Foster Company
Established 1907
Research and Consulting Chemists
Specializing in Synthetic Resins and their Plastics and Related Subjects
38 Greenwood Ave. Montclair, N. J.
Telephone—Montclair 2-3510

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
961-976 Frelinghuysen Ave., Newark, N. J.
Telephone: Bigelow 2-4020

Hochstadter Laboratories, Inc.
Chemical Analyses, Consultants, Technical Experts, Investigations, Litigation.
Coals, Oils, Water, Foodstuffs, Gelatine, Beverages, Dairy Products, Confectionery, Drugs, Minerals, Textile Materials, etc.
Phone LOngacre 5-5260—5261.
254 West 31st St. New York

DRAWBACK SPECIALISTS
Refunds of duty on materials used in exported products.
C. J. Holt & Co., Inc.
8-10 Bridge Street New York, N. Y.
Phone BOwling Green 9-6341

INDUSTRIAL CONSULTING LABS., Inc.
Consulting Chemists
Paints, Varnishes, Lacquers
128 Water Street HAnover 2-1980

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street New York
OFFICIAL ANALYST
U. S. Shellac Importers Assoc.
Am. Bleached Shellac Mfrs. Assoc.

Laning Company, E. M., Inc.
Consulting Chemists
Specializing in Perfume, Toilet Preparations, Pharmaceuticals and Flavors Exclusively. Formulae Perfected. Problems Solved. Plants Equipped.
433 Stuyvesant Ave., Irvington, N. J. Phone ES. 2-8433
E. M. Laning, B. Sc., President
Robert C. Pursell, Phar. D., V-Pres.

Miel, George A.
Analytical & Consulting Chemists
Specializing in the:
Physical and Chemical Analysis of Paints, Varnishes, Shellacs, and materials of the Paint Industry.
128 Water Street HAnover 2-9098

Molnar Laboratories
Chemists—Bacteriologists
Beverages, Oils, Foods, Drugs, Water Analyzed, Toxicological Studies.
Nicholas M. Molnar, M.S., F.A.I.C.
Member Assn. Consulting Chemists
211 E. 19th St. New York City
GRamercy 5-1030

Munch, James C., Ph.D.
Consultant and Laboratory Service Pharmacology and Bioassays
Bioassays, U.S.P. and other methods. Abstracts of the literature.
Pharmacological study of new drugs. Toxicity determinations.
Developments of new methods of assay.
6816 Market St., Upper Darby, Penna.

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries.
Consulting, Analytical and Research
847 W. Virginia Street, Milwaukee, Wis.

Schwarz Laboratories, Inc.
Analysts — Biologists — Consultants
BEVERAGES, EDIBLE OILS
ESSENTIAL OILS, FOODS, WATER
202 East 44th Street New York, N. Y.
MUrray Hill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. C., B. Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone ASHland 4-4343.
16 East 34th St. New York City

ADHESIVE SPECIALIST
IRA I. SLOMON
For New and Original Ideas
L. I. City, N. Y.

Snell, Inc., Foster D.
CHEMISTS—ENGINEERS
Every form of chemical service.
305 Washington St. Brooklyn, N. Y.

Stillwell & Gladding Established 1868
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerine, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers
130 Cedar Street New York

TRANSLATIONS
Authoritative Translations from and into French, German, Italian, Portuguese, Spanish, etc.
All Chemical Subjects: Organic and Inorganic Chemistry, Petroleum, etc.
EXPORTERS' & MANUFACTURERS' TRANSLATION BUREAU
Chemical Dept.
11 W. 42nd St., New York City
BRyant 9-5106

Vorce, L. D.
Chemical Engineer
Electrolytic Cells
Chlorine, Caustic, Hydrogen.
29 Norman Road Montclair, N. J.
Telephone 2-4516

Weiss and Downs, Inc.
Chemical Engineers
SYNTHETIC PHENOL
50 East 41st Street
New York, N. Y.

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing in analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

be powdered as ordered. Prices were steady.

Benzoin.—Some pickup in interest was noted, same being along seasonal lines and being productive of considerably steadier undertones in the market and firmness as to price.

Euphorbium.—Small lots moved but the trade done was suffcient to confirm fully recent quotations on the basis of 22c. per pound minimum. Stock were small and narrowly held.

Tragacanth.—Floods in the New England area, and damage caused by the recent hurricane has curtailed demand originating from the textile industry. However, the market continued to be firm in price, nor was a change likely in that aspect of the market.

Herbs and Leaves

Buchu.—Quotations were lowered to the basis of 35c. to 37c. per pound. Notwithstanding the fact that some dealers lacked spot supplies, conditions continued to be distinctly favorable for manufacturing consumers.

Ephedra.—The spot market was 11c. to 12c. per pound and stocks of sufficient size seemed to be not only in hand, but available in the several foreign sources of supply.

Horehound.—More inquiry and sale was noted and the market continued to be exceptionally firm on the spot. The foreign situation seemed to promise a season of prices not only firm but possibly advancing if demand prove substantial.

Digitalis.—Prices were steady to firm, in view of the uncertainty prevailing in European countries throughout the past week, the future of supplies was indeterminate and hence for the time being at least the position of domestic leaves was improved.

Uva Ursi.—Competition brought sales to 8¼c. per pound last week and the market range was to 8¾c. as to quantity and seller. The future of prices seemed definitely tied in with the unsettled situation in Europe.

Miscellaneous

Agaric. — White agaric remained steady. Although no general call for the article last week, there was sufficient jobbing request to secure full confirmation of prevailing prices.

Ergot.—One of the large pharmaceutical houses covered substantial requirements when delivery of 100 cases of the article was taken in the middlewest. The spot market lacked new change but it continued to be highly sensitive and the future of values could well depend on the final issue of the European situation.

Kamala.—Jobbing business was better. More and slightly larger orders were received and the general position of the article was firmer on the spot at the close of the trading period under review.

Lycopodium.—The seller who broke the market to $1.02 per pound in the previous trading period withdrew the price last week, returning to the more general basis of $1.05 to $1.10 per pound because of the uncertainty of securing further supplies from abroad.

Papain.—Prices were quiet to steady and competition was less aggressive than it was at times in the not far distant past. Reports of exports from Tanganyika Territory indicate a movement of 16,790 pounds last year and the tendency of the government is to encourage production with a view to broadening the export market.

Roots

Aconite.—The European situation was being watched closely since interruption of supplies might be soon reflected in the spot price on this item. Demand was slow last week.

Belladonna.—This was another European crude that was subject to the tangled condition of affairs in Central Europe. Sellers were disposed to be reserved pending final decisions for war or peace in Europe.

Ipecac.—Reports indicated that Costa Rica during the first half of this year exported 6,548 kilos of this root. No shipments were made during the first six months of 1937. The spot market was steady to firm but demand was moderate.

Jalap.—Former exemptions from export tax in Mexico have been cancelled and hence the import cost of the article may rise here. The market last week was fully steady and demand was very fair.

Valerian.—Sales have been made at 9c. per pound but there was a chance that the former price of 8½c. might still be done occasionally. The situation as to the future was closely knit with the final issue of the European situation.

Seeds

Anise.—The market was narrow and along jobbing lines but despite more active buying, prices continued to be firm and competition was restrained.

Caraway.—Jobbing business was fair but volume was comparatively small. Uncertainty concerning the foreign situation made buyers hesitate about placing orders for later deliveries.

Celery.—Values seemed steady but there was little interest shown in re-

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

—Continued on page 52

Essential Oils, Aromatic Chemicals

Danger of War in Europe Restricted Import Business—Only a Few Cables Received—Conditions Abroad Affected Local Prices Little—Business Moderate Here

The critical situation in Europe was not without effect on local conditions in the essential oil and aromatic chemical trades, but prices held generally steady while demand continued to be moderate to quiet throughout the past week. Danger of general warfare in Europe tended to reduce import buying, since few foreign sellers were willing to make firm offers, while local suppliers of imported goods were not disposed to sell future arrivals, since they had no guarantee that shipments would be made. Cables received were few in number.

Local quotations showed substantial stability. If demand improved little, lack of that desired condition also failed to affect values adversely. The majority of items were well held in steady price position while sellers awaited further developments abroad.

A small number of reductions were made in special items, and in practically every instance the reduction was caused solely by locally competitive conditions in the articles specifically affected.

Makers of aromatic chemicals had reason to feel encouraged concerning the competition offered by foreign manufacturers in this market. The official record of importations during the first half of 1938 was 26,968 pounds of seventeen specific and leading items. The record of the same items during the same import period in 1937 was 46,000 pounds. Of the seventeen items only seven had a larger import record this year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Wormwood, 50c. per lb.

Reduced

Bergamot, 15c. per lb.
Capsicum oleoresin, N.F. VI., 5c. per lb.
Guaiac wood concrete, 10c. per lb.
Lavandin, 5c. per lb.
Lavender, 50% ester, 25c. per lb.
Lemon, Messina, 5c. per lb.
Orris concrete, Florentine, 50c. per lb.
Wormseed, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.6	69.1	69.2	80.6

Market news that may have developed since this report was sent to press will be found on page 4.

Essential Oils

Angelica.—Competition was noted in the market for root oil, and the market ranged $45 to $52 per pound, according to seller. Seed oil was steady. Demand was narrow.

Anise.—No further decline in open prices was made, but market gossip had it that some business done at private terms had been taken at considerably less than the openly acknowledged quotations. Competition was keener.

Bergamot.—The market was down to $3.75 to $4 per pound for good quality oil, though some of the top brands were still held for a minimum of $3.90, being based on import cost. The range in prices, according to brand, has widened.

Birch Tar.—Business was generally slow, consisting mainly of smaller and usually jobbing requests. However, because of the replacement position of the article, quotations had a very steady undertone throughout the past week.

Bois de Rose.—Substantially steady undertones were the rule, and, while demand was not very large, it was generally maintained at a volume comparing well with that in recent weeks. Prices were without change.

Cananga.—More inquiry and some improvement in sales were noted last week and the general undertone of the market was at least steadier in the main. However, buyers were operating close to actual requirements.

Capsicum (Oleoresin).—The N. F. VI article was priced lower at $1.85 to $1.90 per pound. The quality of this material was exactly that of the article formerly described as USP X. Oleoresins are readily subject to "stretching" by means of castor oil and other non-flavoring adulterants. The N. F. VI article is declared to be full strength.

Caraway.—The market continued to be competitive, yet unchanged as to price. Replacement conditions were slightly unsettled by the foreign situation. Demand was mainly for prompt and near at hand requirements.

Cassia.—The undertone was easy to weaker, though not to an extent that produced a further decline in price. In fact, the position was steadier than was that of its companion in China—anise oil. Demand was not better than fair last week.

Celery.—The price range was generally narrower but no lower so far as the inside position was concerned. Raw material has been weak of late and subject to substantial competition.

Citronella.—Spot prices were about steady and were supported by a moderate sized consuming demand. Conditions in the primary markets changed very little, prices in Ceylon usually being above the limits at which domestic consumers were willing to place forward business.

Clove.—Business was fair but not expanding. Producers kept prices steady and considered them to be on the low side. New business was moderate but there were substantial calls for deliveries against contracts.

Cubeb.—A quiet market was the general rule on spot last week. Trading was along conservative lines and was little if any improved over that in recent periods. Prices, however, reflected the steady position of raw material.

Dill.—The seasonal movement of this oil held up very well and was expected to continue so long as pickling operations were along substantial lines. Prices this season have been generally steady and favorable.

Eucalyptus.—Some improvement in trade was noted. The gain was moderate yet sufficient to improve the undertone of the local market. Prices continued to be on the low side and distinctly favorable for those with substantial requirements to cover.

Geranium.—Although the replacement position of this group was under the influence of the European situation, conditions showed virtually no change in local circles, and prices continued to be low and quiet, while offerings were substantial and demand was moderate.

Grapefruit.—The article was making slow headway into consuming industry in this country. However, patience on the part of producers was said to be gaining favorable results and the future of the item seemed to be improving. Prices were steady.

Guaiac.—The wood concrete was lower at $2.65 to $3.30 per pound, quotations ranging according to seller, quality and quantity. The movement in favor of buyers was one purely of competitive character. Replacement cost has changed little.

Juniper Tar.—Stocks were conservative in size, and hence the lack of large request was offset and prices continued to be very steady throughout the past week.

Lavandin.—The market was shaded to $1.95 to $2.05 per pound, as the result of local competition. However, not all sellers were meeting the lower quotations openly. Demand was routine and generally quiet.

Lavender.—A close quotation was noted on the 50 percent oil, the market ranging $4.50 to $4.75 per pound, according to seller. Other strengths of the article lacked quotable change. All were in very good supply against which there was but moderate consuming demand.

Lemon.—Better brands of the Italian article ranged $3.05 to $4 per pound, according to product. California oil was

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

FITTED TO *serve* YOU BEST

MM&R Laboratories Announce
DEODORANT L37 MM&R
A POSITIVE NEUTRALIZER of LETHANE ODOR in fly sprays, yet, imparts no perfume whatsoever. It reduces the volume of perfume needed to give your product its customary odor, since the neutralizing power of DEODORANT L37 MM&R minimizes the requirements of the perfuming agent.
Send for a FREE TESTING SAMPLE
MAGNUS, MABEE & REYNARD, INC.
QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, CONCENTRATED FLAVORS . . . Since 1895
16 DESBROSSES ST., N.Y.C.
OFFICES IN PRINCIPAL CITIES

OIL OF CLOVES
OIL OF NUTMEGS
Two of the most important items in our Factory. We can guarantee to furnish you with the highest quality obtainable.
GEORGE LUEDERS & CO.
427-429 WASHINGTON ST., NEW YORK
Branches: Chicago, San Francisco, Montreal *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
ESSENTIAL OILS
IMPORT Established 1896 EXPORT
162-164 FRONT STREET NEW YORK CITY

Headquarters for
PERFUME COMPOUNDS
True - FLAVORS - Imitation
ESSENTIAL OILS
BALSAMS
Peru - Copaiba - Oregon
H. C. RYLAND, Inc.
161-163 Water St., New York, N.Y.

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

BASE OILS—For Soapless Shampoos
For Polishing Compounds—For Cosmetic Preparations
VISCO GUMS—For Wave Set Solutions
GUMS
Arabic, Tragacanth, Karaya
Powdered in our own mills under laboratory control
JACQUES WOLF & CO.
MANUFACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

ESSENTIAL OILS
The integrity of the house with which he deals is a consideration of utmost importance for the buyer of essential oils. But it is not his sole concern. He must take into account also that firm's sources of raw supplies. In our case, long experience and large-scale purchases have gained for us preferential selection of many of the finest crop oils produced. This advantage, coupled with our careful quality control and exclusive method of rectification where necessary, assures better-than-average quality and uniformity to users of FRITZSCHE'S ESSENTIAL OILS.
FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

steady at $2.50 per pound. The European situation was still a highly influential factor on Italian oil, since a war involving Italy would affect shipments. However, ample stocks of California oil were available.

Orange.—Unsettled conditions in Europe continued, but, in view of the widespread production throughout the world, it seemed unlikely that the situation in Europe could affect the local market positively at an early date. Spot stocks were ample in all respects. Prices were low and generally easy.

Orris.—Florentine concrete of extra strong quality was priced at $4.75 to $5.50 per pound, according to seller, and competition in the material was said to been keen in most respects. Demand was narrow.

Peppermint.—A steady spot market meshed tightly with a similar situation in the middlewest, where quotations were well held, and holders were disposed to await higher prices before selling in substantial quantities. Spot stocks seemed ample to meet current needs.

Rose.—The unsettled state of affairs in Central Europe continued to a late hour last week, and hence the future position of this article was slightly indeterminate. War would make exports from Bulgaria difficult. However, fair stocks of the article were held here. Exceptionally dry weather in late spring resulted in a decline in production of both roses and oil. Although the acreage was decreased only slightly, the output of roses, recorded at 8,275,000 kilograms for the current season, was 3,065,000 kilograms less than production in 1937. Of the 7,437,000 kilograms of roses distilled for oil, 3,290,000 kilograms were treated by the co-operative bank and the co-operatives under its control, and the balance by private distillers. Production of rose oil during the current season was 1,690 kilograms, which compares with 2,850 kilograms in 1937 and 2,214 kilograms during the preceding year. During the current season private distillers are reported to have produced 2,170 kilograms of rose concentrates, which is steadily gaining favor in foreign markets. It is not anticipated that the decline in output will disturb the market as a carryover of 4,500 kilograms of oil from previous seasons is reported.

Wormseed.—New crop influence was at work and the spot market was down to the basis of $2.50 to $2.55 per pound last week. However, reductions were not expected to extend very far as the situation at the source seemed basically steady.

Wormwood.—Market strength gained in keeping with the strengthening of prices named on new crop material. The spot market was at $3.25 to $3.30 per pound last week and the position was expected to hold since there was little margin for competitive price shading at the moment.

Aromatic Chemicals

Amyl Cinnamic Aldehyde.—The spot market was quiet to steady under moderate and little changed consuming request. Imports during the first half of 1938 totaled 26 pounds, comparing with 2,231 pounds of record in the corresponding period of 1937.

Amyl Salicylate.—Business was routine in most respects and conditions showed very little change. Buyers bought close to actual needs. Importations for the first six months of 1938 totaled 410 pounds, comparing with 620 pounds imported in the corresponding period of 1937.

Anisic Aldehyde.—Inquiry was irregular, but in point of volume trade was said to compare favorably with that recently current on spot. During the first six months of 1938, importations totaled 102 pounds, comparing with 211 pounds in the first half of 1937.

Benzyl Acetate.—A market of routine proportions was noted, but values were generally on the steady side. Imports from January through June in 1938 totaled 1,570 pounds as against 1,031 pounds for the same period in 1937.

Benzyl Alcohol.—Domestic producers had a fair, but not expanding, market for their product and the market was steady as to price. Imports in the January-June period of 1938 were 100 pounds; in the same period, 1937, they were 150 pounds.

Benzyl Benzoate. — Domestic producers supplied practically all home requirements during the first half of this year and continue so to do. Importations in the first six months of 1938 totaled but five pounds against 443 pounds of record during the similar period in 1937.

Benzyl Salicylate. — Importations in the first half of this year gained in comparison with those a year ago but the increase was moderate. The figures were 150 pounds for this year, against 117 pounds in January-June, 1937.

Bromstyrol.—The import record of this article during January-June, 1938. was within a single pound identical with that of record for the equivalent period in 1937. This year, arrivals were 251 pounds; last year they were 250 pounds.

Cinnamic Alcohol.—Imported material should have found more buyers during the first six months of this year if the import record be the base for the conclusion. Importations in that period totaled 1,662 pounds, compared with 1,545 pounds during the same period a year ago.

Coumarin.—A sharp increase in foreign importations shows in the record for the first half of this year. During January-June, 1938, 3,104 pounds were imported, while in the same period in 1937 but 266 pounds reached this country. Total imports for 1937 were 7,689 pounds.

Ethyl Vanillin.—Imports in the January-June period of 1938 slumped badly by comparison with those in the same period a year ago. The arrivals this year totaled but 55 pounds. A year ago, they were 1,000 pounds, which was virtually the total import for 1937.

Heliotropine. — Domestic manufacturers during the first half of this year had a much better market for their product since during that time there was a severe drop in imports of foreign goods. The record of imports in January-June of this year was 1,807 pounds. For the same period in 1937, it was 14,175 pounds and the total of 1937 was 16,611 pounds.

Musk.—A more favorable outlook for the domestic industry appeared when the figures covering imports during the first half of 1938 were made public. The total was 6,776 pounds, which compared with 16,437 pounds for the January-June half of 1937. The total import in 1937 was 27,937 pounds.

Nerolin.—A very quiet and uneventful market prevailed on spot and prices held steady. Importations in the first half of 1938 totaled 326 pounds, comparing with 232 pounds in the corresponding time in 1937.

Phenylacetic Aldehyde.—Imports in the period from January through June in 1938 totaled but 6 pounds, a sharp decrease from the 191 pounds reaching here during the corresponding period in 1937.

Phenylethyl Alcohol.—Imported goods about held their own so far as imports in the first half of 1938 were concerned. The figure was 340 pounds as against 389 pounds of record in the same period of 1937.

Vanillin.—Foreign makers penetrated the domestic market in January-June of 1938 to the extent of exporting 230 pounds to this country. This was a sharp gain over the 35 pounds of record for the equivalent period in 1937. The total import in 1937 was 236 pounds.

Botanical Drugs

Seeds

—*Continued from page* 50

placement offerings made from abroad. Prices were well held everywhere and weak exchange was offset by advances in the price in French francs.

Cumin.—Algerian seed was a fraction higher at 9¼c. to 9¾c. per pound. The market was slow with buyers showing reserve but the recent values had been too low in comparison with the steadier position of the article abroad.

Poppy.—Dutch seed was a fraction lower at 8¼c. to 8⅝c. per pound in a dull and jobbing market. Quotations on Polish material lacked change.

Spices

Clove.—Far eastern advices indicated a steady price position but lack of substantial orders from the United States. Spot informants reported only jobbing transactions last week.

Ginger.—More price stability was noted in this group and the market as a whole was well held throughout the period. Replacement and spot prices alike were not subjected to much competition. Local stocks appeared to provide an ample reserve.

Peppers.—Black Alleppy was higher at 7¾c. to 8¼c. per pound and the range on black Lampong broadened, the market being 4¾c. to 5½c. per pound, according to seller, position, and quality. White and red peppers lacked new developments, both being steady.

Trading in black pepper futures on the New York Produce Exchange from September 24 to September 30, inclusive, comprised 77 contracts, a total of 2,587,200 pounds. Following is a price record for the week:—

	Cents per pound— High.	Low.	Close.
January	4.85	4.60	4.74@4.78
February	4.70	4.70	4.79 nom.
March	4.85	4.85	4.84@4.88
May	5.07	4.82	4.93@4.98
July	5.17	4.89	5.02@5.05
September	5.17	5.02	5.12@5.16
October	4.60	4.55	4.55@4.65
December	4.72	4.56	4.70@4.75

Pimento.—Spot quotations were a fraction lower at 13½c. to 14c. per pound, the result of light demand and more competition in local circles.

VANILLIN
C. P., U. S. P.

Thoroughly tried and tested. Found to be of exceptionally fine aroma.

Have you had your sample?

AROMATICS DIVISION
GENERAL DRUG CO.
170 Varick Street
NEW YORK CITY
1220 W. Madison Street
CHICAGO, ILL.
907 Elliott Street
WINDSOR, ONT.
Transportation Building
LOS ANGELES, CALIF.

A. M. TODD CO.
Growers, Distillers and Refiners of
ESSENTIAL OILS
CRYSTAL WHITE—DOUBLE DISTILLED
PEPPERMINT, SPEARMINT, WINTERGREEN, Etc.
Main Office and Works
KALAMAZOO, MICH., U. S. A.

Making Your Pharmaceutical or Cosmetic Products More Profitable
with newly improved penn-drake white oils and petrolatums

If you use white oil in your products,

... there's money for you in this new booklet

Alert to new ways of improving your products, you'll want the remarkable story of the new deterioration-proof penn-drake white oils and petrolatum. The story of the newly perfected Karnsite Process that produces super-pure white oils, odorless, tasteless, colorless, non-fluorescent, crystal clear, cloudless even at zero. The story of crucial tests proving that penn-drake heavy medicinal and lighter cosmetic oils now assure your products stability of quality and attractive appearance that holds your customers, increases your sales, ends your worry about costly spoilage. It's factual, authoritative — and free. Write for your copy today.

THE PENNSYLVANIA REFINING CO., Butler, Pa.
Quality Petroleum Products Since 1887

penn drake petroleum products

penn-drake white oils, petrolatums, insectisol (odorless base). Complete line of fine Petroleum Products.

Petroleum Solvents, Lubricants, Fuels

Gasoline Lower in East—Residual Fuel Oil Stocks Reach New High —Solvents and Industrial Products Steady—Middle Western Crudes Reduced

The refined petroleum market was fraught with weakness. Gasoline prices were lowered throughout the Eastern and Southern states and a mounting storage of residual fuel oils reached a new high record, according to the latest statistics. Gasoline was also very weak at the Midcontinent. And, with the refinery markets yielding to the pressure from the weak side there is more nervousness over the security of the crude oil price structure in the Southwest. Prices for crude at the Illinois, Princeton, Illinois Basin and Western Kentucky (Owensboro) fields were lowered Tuesday.

The solvents, naphthas and general run of petroleum raw materials for industry escaped the weakness in other refinery products. Despite the surrounding weakness in the gasoline market, prices for solvents and diluents have been holding surprisingly well. Scale paraffin was a little stronger albeits there has been no improvement in the demands; petrolatum suppliers were reported to be bidding competitively on some of the large accounts.

Daily average production of crude oil in United States for the week ended September 24 was 3,251,150 barrels, an increase of 12,100 barrels over the preceding week's average, according to the estimates of the American Petroleum Institute. The average for four weeks ended September 24 was estimated at 3,261,550 barrels and the average at this time a year ago was 3,666,300 barrels. The runs of crude to stills for the week ended September 24 were reported to the A.P.I. by companies controlling 85.5 percent of the nation's refinery capacity as having averaged 2,881,000 barrels. An additional 339,000 barrels daily were estimated to have been sent to stills unreported for a total estimated average of 3,220,000 barrels against 3,245,000 barrels in the preceding week. The Bureau of Mines average for September last year was 3,450,000 barrels.

Solvents and Diluents

The weakness in the gasoline market did not exercise much pressure on the market for petroleum naphthas and solvents. Prices for these materials at the refinery centers have been held fairly steady for the past several weeks. The marketers of tankwagon quantities in leading Eastern and middle Western cities have not reported any change in their quotations during the past few weeks. Consumption has been holding up fairly well.

Cleaners' Naphthas.—Prices at the Midcontinent refinery market continued at the long standing basis of 6⅜c. per gallon for tankcars, basis Group 3.

Petroleum Thinners. — Despite the propinquities of a weak gasoline market, the prices for these thinners were holding fairly well and have not been changed quotably. Demands held up well and the September consumption was believed to have been well in excess of the August total.

Rubber Solvents. — These solvents continued in the vanguard of the market insofar as consumption was concerned. The demands from the tire shops improved progressively throughout September and were expected to maintain good, substantial dimensions through this month. The prices at the Midcontinent continued at the basis of 6⅜c. per gallon, basis Group 3.

Stoddard Solvent.—This material was in moderate request, according to local suppliers. The price situation remained undisturbed despite the weakness in the gasoline market.

V. M. & P. Naphthas.—A fairly good call for supplies featured the market last week. The price situation at Midcontinent and Eastern refinery points has not been changed and held fairly well against the pressure from the weakened position of the gasoline market.

Markets at Other Centers

Chicago, Sept. 29.—The petroleum solvent and diluent market is quiet. Some buying interest is noted, with orders coming from various sources at a fair rate. The price structure is said to be resisting cuts fairly well. Inquiries are being received on a fairly extensive scale. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma): —Blending naphtha, 4¼c. to 4½c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.8c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.5c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; V. M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Sept. 29.—The weakness of the gasoline market has not spread to the solvents and naphthas which were quoted at the same prices as a week ago. The movement, however, is slow with very little buying interest here.

Lighter Fractions

Producers of butanes, hexanes and other materials in the group of light gaseous solvents have not reported a change in the schedule of prices for some time. The market was understood to have been holding placidly under a fair measure of support from the industrial consumers in the form of buying orders.

Butanes.—The market was featureless last week and the Midcontinent producers continued to offer tankcars of the 16-34 degree product at 3¾c. per gallon, basis Group 3.

Octanes.—This mixture also held at an unchanged level which was 10½c. per gallon for tankcar quantities, basis Group 3. Buying support from the consumers has been fairly good.

Petrolatums and Waxes

White Mineral Oils.—Sellers report that the prices for U.S.P. oils and technical oils have been holding steady at the schedule levels. Business has shown intermittent improvement during the past few weeks but last week's trade was quite spotty.

Paraffin Waxes.—Both the 122-124 and 124-126 American melting point grades of scale wax were quoted at 2.40c. per pound last week. This figure represented an advance of 5 points in the 124-126 grade, but the 122-124 grade has been standing at 2.40c. per pound for the past several weeks. Producers were not able to move much wax last week, but the light supply has been the factor behind the strength of prices. The exporters were looking for an improvement in business now that the war scare seems over. Fully refined waxes were routine last week and the prices which have been in effect since July were quite steady.

CHICAGO, Sept. 29.—The refined wax market is holding at levels that are little changed in any respect from those which have ruled recently. Buying interest is somewhat restrained and stocks are reported to be somewhat bothersome in some sections, but on the whole the market seems to be in fair shape. Ruling prices are:—122-124, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, bulk or bag, 4.75c. to 4.8c., 132-134, bulk or bag, 5c. to 5.05c.

TULSA, Sept. 29.—The tone of the scale wax market is exceedingly firm with the volume remaining at a high level. Quotations for the 124-126 grade continue unchanged at 2¼c. to 2⅜c. per pound.

Petrolatum.—Prices for amber grades were reported to have been holding evenly but there has been some competitive bidding for large quantity business on the white grades. Consuming interest has picked up further and from a tonnage standpoint, some of the sellers reported September as having been a fairly good month.

Fuels and Lubricants

Further increase in the stocks of residual fuel oils added to the earlier unsettlement in the market. Gasoline was lower here and in the tankwagon and retail markets throughout most of the Eastern and Southern states. The increasing storage of fuel oils is a cause for increasing alarm over the security of the already weak market. Stocks of residual fuels are 30,795,000 barrels higher than they were at this time a year ago and there will have to be an extensive consuming movement this Winter to offset this top-heavy over supply.

Market Conditions

Gasoline. — Tankwagon and retail prices have been lowered throughout most of the Eastern and Southern states. The initial movement was a reduction of ½c. per gallon in consumer tankcar and dealer tankwagon prices in New Jersey, September 26. On September 30, prices were lowered in West Virginia, North Carolina, South Carolina, Maryland and the District of Columbia. A similar reduction took place in Arkansas, Louisiana and Tennessee. Boston and Philadelphia are very competitive markets. Locally, tankcars of 65 octane material were available at 6c. per gallon, basis refinery and the higher octane product was available at 6¼c. per gallon. Stocks continued to decrease, according to the latest A.P.I. statistics for the week ended September 24 which showed the storage at 68,605,000 barrels against 69,244,000 barrels in the preceding week and 65,655,000 barrels at this time a year ago. Gasoline production for that week was reported to the A.P.I. as having totaled 9,613,000 barrels.

Kerosene.—The demands were a little livelier in the Eastern market. The local refinery market was in a fairly steady position at 4¾c. to 5c. per gallon for tankcar quantities of 41-43 water white material, basis refinery.

Fuel and Gas Oils.—Further increase in the stocks of residual fuel oils was reported in the latest A.P.I. report for the week ended September 24. Stocks were estimated at 119,285,000 barrels against 118,397,000 barrels in the preceding week and only 88,490,000 barrels at this time a year ago. The 119,285,000 barrel figure represent a new high record for fuel storage. Midcontinent markets were reported weak while the Eastern market was in about the same condition as a week ago. Bunker inquiries were heavy.

Lubricating Oils.—The neutral oils appeared to be the strongest items in the Pennsylvania market. The 200 viscosity was advanced 1c. per gallon to the basis of 20c. per gallon, including tax. The 150 viscosity remained at 18c. per gallon, also including tax. Bright stocks and cylinder oils were unchanged. Business was mild last week but the export trade for September as a whole was said to have been better than any month so far this year.

Crude Oil Price Changes

Middle West

Effective September 27, Ohio Oil Company reduced posted prices for crude 10c. per barrel. The new postings are as follows:—Illinois, $1.25 per barrel; Princeton, $1.25 per barrel; Illinois Basin, $1.25 per barrel; and Western Kentucky (Owensboro) $1.20 per barrel.

Outputs and Quotas

A comparison of Bureau of Mines calculations for September productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended September 24, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	528,300	428,000	448,300
Kansas	168,000	165,000	161,100
Texas	1,398,600	†1,670,095	1,224,450
Louisiana ..	255,300	269,260	265,400
Arkansas ...	53,700	.....	62,900
Eastern	149,300	.....	177,900
Michigan ...	57,000	.....	53,900
Wyoming ...	65,600	.....	60,150
Montana ...	14,000	.....	13,000
Colorado	4,600	.....	3,400
New Mexico.	111,600	106,000	105,850
California ..	638,300	‡615,000	674,800
Totals	3,444,300	.....	3,251,150

* These are Bureau of Mines' calculations of the demand for domestic crude oil based upon certain premises outlined in its detailed forecast for the month of September. As demand may be supplied either from stocks or from new production, contemplated withdrawals from crude oil stocks must be deducted from the Bureau's estimate of demand to determine the amount of new crude oil to be produced.

† Base allowable effective September 17. Saturday and Sunday shut-downs effective throughout month. Calculated net 7-day allowable for week ended Saturday morning, September 24, approximately 1,192,925 barrels daily.

‡ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

Crude oil prices were reduced 10c. per barrel at Illinois, Princeton, Illinois Basin, and Western Kentucky (Owensboro) fields. Gasoline was lowered ½c. per gallon in consumer tankcar and tankwagons throughout most of the Eastern and Southern States.

	Sept. 30	Sept. 23	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.213	$1.213	$1.362
Gasoline prices at refineries (at four refining centers) per gallon	.0459375	.05	.056875

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

PETROLATUM
Your Inquiries Are Invited
CLARENDON REFINING CO. Clarendon, Pa.

SHERWOOD'S PETROLATUMS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

NEUTROLEUM
ALPHA
GAMMA
MAKES BAD ODORS VANISH!
A few drops of NEUTROLEUM will neutralize instantly the most offensive odors. Originally introduced for use in fly sprays and petroleum-base preparations, it is now proving its effectiveness in hundreds of totally different technical products. Its cost is negligible; its value immeasurable. If your product has a sales-retarding scent you can free it of this handicap. Investigate NEUTROLEUM.
FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND DEILLANS (VAR) FRANCE

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938 Jan. 1-Oct. 1	1937 Jan. 1-Oct. 1
Commercial crude oil production	903,607,000	948,139,000
	Week ended Oct. 1, 1938	Week ended Oct. 2, 1937
Daily average production	3,241,400	3,653,600
	Week ended Sept. 24, 1938	Week ended Sept. 17, 1938
Estimated motor fuel stock total	68,605,000	69,244,000
Estimated finished motor fuel stock at refineries	38,113,000	38,491,000

Markets at Other Centers

Tulsa, Sept. 29.—Further weakness in the gasoline market was the main feature of the trading in the refined oils market throughout the Mid-continent field this week. Some sales were reported to have been made as lows as 3⅝c. per gallon, although the trading at this quotation was negligible. Nevertheless many refiners were offering some of the U. S. Motor grade at 3¾c. per gallon. Offerings were plentiful at the low prices, but movement was not equal to the supply. Jobbers were buying only on a hand to mouth basis as demand continued to decline. As a whole the market was left in a sloppy condition as refiners were pressing their material at the end of the week.

The natural gasoline market also in a weak condition. A number of manufacturers rushed their production on the market as refiners refrain from buying due to the slow movement of motor fuel. As compared with one week age, quotations were ¼c. lower. All grades suffered alike.

The improvement in burning oils continued with the volume of inquiries steadily increasing, but the amount of trading was at a low point as the refiners are refusing to supply the spot market at the current quotations. Additional strength was accumulating, but buyers were still slow to bid the market up. An advance in quotations, however, is momentarily expected.

In Texas, there is a better feeling regarding the crude oil market. A large number of export inquiries came into the market. In Oklahoma, refiners still feel that crude oil prices are too high in view of the present prices for the refined oil and are exceedingly cautious. In the upper part of the mid-continent there is a good deal of nervousness regarding crude oil prices. Increasing production and development in Illinois at an advantageous transportation rate differential is still one of the main influences. There is talk of additional refining capacity to be constructed in the area, too.

Followng are the quotations for the various products traded in the Mid-Continent on the basis of Group quotations:—

GASOLINE.—U. S. Motor low octane is offered freely at 3¾c. per gallon with the 63-66 grade at 4c. per gallon. The 67-69 is quoted at 4¼c. per gallon and the 70-72 at 4⅜c. to 4½c. per gallon.

NATURAL GASOLINE.—The 26-70 is quoted at 2¾c. in Texas and Oklahoma points at 3c. per gallon. The 18 pound is 3½c. to 3⅝c. per gallon and the 12 pound at 4¼c. to 4½c. per gallon. The tone is better despite the lower prices.

KEROSENE.—The reselling quotations are weak with 3⅝c. to 3¾c. quoted for the 41-43 grade and the 42-44 at 3¾c. to 3⅞c. per gallon.

DISTILLATES.—Trading is at a low level due to refusal of refiner to meet demand at current prices. The No. 1 prime white is unchanged at 3¾c. per gallon while No. 2 dark is quoted at 3½c. to 3⅝c. with the light color quoted at 3¾c. per gallon. Gas oils are 3¼c. to 3⅜c. per gallon.

FUEL OILS.—The industrial grades are weak with the range remaining at 37½c. to 65c. per barrel. The low cold test and high gravities are in better position maintaining their better quotations. The 24-28 is $1 per barrel with the high cold test selling at 80c. to 85c. per barrel.

LUBRICANTS.—The improvement in quotations in the eastern markets has bettered the tone here although no change in prices has developed. The demand appears to be somewhat better also.

Chicago, Sept. 29.—The refinery gasoline market has undergone additional easiness in the last few days as the result of the advance of the season into less favorable motoring time and the fact that the basic crude oil market is weak. More offerings have come into the market to keep the market soft and unsettled. Tankwagon and service station prices have been ragged and in an uncertain trend. Kerosene is quiet, but the good grades of heating oils are firm and in active demand, as the time for domestic fuel activity draws near. Heavy industrial fuels are in better demand and are offered only sparingly now. The lubricating oil market is about steady but dull.

GASOLINE.—Low octane motor, 4⅛c. to 4⅜c. per gallon; 63-66 octane motor, 4⅜c. to 4⅝c.; 67-69 octane motor, 4¾c. to 5c.; 70-72 octane motor, regular, 5c. to 5¼c.; 60-62, 400, 4⅛c. to 4⅜c.; 64-66, 375, 4⅜c. to 4½c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—Range oils, 3⅞c. to 4⅛c. per gallon; No. 1 prime, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3⅞c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅞c. to 3⅛c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Sept. 27.—With the exception of 68-70 octane, gasoline again reflected the slight but steady price decline evidenced during the past few weeks. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 5¼c.; U. S. motor below 62 octane at 5¼c.; 63-67 octane at 5¾c. and 68-70 octane at 6c.—all prices being based on a per gallon rate at refinery.

Kerosene continued firm at a quoted price of 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity were quoted at $1.46 per barrel, delivered.

Gasoline Freights Down

Albany, Sept. 27, 1938

The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the Baltimore & Ohio railroad on gasoline, refined oil, blended gasoline, petroleum fuel oil, distillate, tank cars, rates per hundredweight from Wellsville to Erie stations Painted Post, Bath and Wayland, 7½.; Allegany and Salamanca, 8½c.; Hamburg, 13c.; Dunkirk, 15c.; Hornell, 6½c.; Corning and Watkins Glen, 9c. and 11c. respectively; Buffalo, Depew, and Batavia, 13c.; Niagara Falls, 14. Reductions ranging from ½c. to 2c. per hundredweight. Effective October 1, 1938, from Rochester to Hornell, reductions to class rates. Effective October 18, 1938.

Obituaries

James F. Hayes

James F. Hayes, manager of the Northeastern Division of Eli Lilly & Co., pharmaceutical manufacturer, Indianapolis, Ind., died of a heart attack on September 25 at White Sulphur Springs, W. Va., while attending the annual convention of the National Wholesale Druggists Association. He was fifty-six years of age.

Mr. Hayes was born in South Manchester, Conn. On completion of his formal education, he spent some years

James F. Hayes

in the retail drug business of his native State. Eventually, he went west and joined the sales force of the Meyers Brothers Drug Company, wholesale druggist, St. Louis, Mo., and traveied in Missouri, Colorado, and Kansas. By 1910, with six years' experience in the sale of pharmaceuticals, he became a salesman for the Lilly company, traveling the Oklahoma, Texas, Kansas, and Colorado territory.

During the next twelve years his successful work on the road also revealed executive capacity of a high order and when an opening occurred in 1923 he was brought east and made a district manager with headquarters in Boston, Mass. In 1930, he was moved to the New York office of the company, becoming assistant manager of the Eastern division and serving under Edward Zinc, manager of that division. Mr. Zinc was appointed general sales manager for the company in 1931 and in December of that year Mr. Hayes succeeded Mr. Zinc as manager of the Eastern division. He was a member of the New York Drug and Chemical Club.

Surviving Mr. Hayes are his wife, Mrs. Jane Hayes, and a daughter, Mrs. Louise Wyckoff, of Belmont, Mass.

J. Fletcher Farrell

J. Fletcher Farrell, vice-president, treasurer and a member of the directorate of the Consolidated Oil Company, this city, died September 23 in his home in Bronxville, N. Y., after a long illness. He was sixty years of age.

Born in Madison, Mo., Mr. Farrell was educated in Paris, Mo., and after leaving school entered the banking business. In 1916 he became associated with Harry F. Sinclair as vice-president and treasurer of the newly formed Sinclair Oil & Refining Company. When the Sinclair Consolidated Oil Corporation took over the Prairie Oil Company and the Prairie Pipe Company in 1930 he was elected vice-president, treasurer and member of the directorate of the merged interests known as the Consolidated Oil Corporation. He was also a vice-president and director of the Mexican Sinclair Petroleum Company, Sinclair Navigation Company, and the Pierce Oil Company, and a vice-president of the Sinclair Cuba Oil Company.

Surviving are his wife and a son.

Williaim E. Valliant

William E. Valliant, long prominent in the fertilizer industry, and head of William E. Valliant & Co., Baltimore, died in a hospital in that city September 23. He was sixty-nine years of age.

A native of Church Hill, Md., Mr. Valliant, in addition to heading the firm of William E. Valliant & Co., was interested in the Dorchester Fertilizer Company, E. S. Valliant & Co., the Milford Fertilizer Company, and the Valliant Fertilizer Company, all of which operate along the eastern shore of Maryland or in Delaware. Three years ago he turned over most of his interests in these concerns to his son, Enos, and retired from active business. He was a former director of the National Fertilizer Association, and for a time served as chairman of zone 3, formed under the NRA. He held membership in the Del-Mar-Va Peninsula Fertilizer Association. He also served a term as mayor of Laurel, Del. In addition to his son, Enos, he is survived by his wife, two daughters and another son, Edwin S.

Williams Robb Barclay, an authority on nonferrous metallurgy, died in Birmingham, England, recently. He was sixty-two years of age.

Thomas Quigley McGoodwin, secretary and a member of the directorate of the Standard Oil Company of Kentucky, died September 27 from bronchial pneumonia in Louisville. He was sixty-nine years of age. His widow, a brother and two sisters survive.

Dr. I. H. Odell, Jr., a research chemist formerly with the Standard Ultramarine Company, Huntington, Va., died September 22 in his home in White Plains, N. Y., following a short illness. He was thirty-eight years of age. He served as a research and development engineer with E. I. du Pont de Nemours & Co. from 1927 to 1930. Surviving are his father and a brother.

Dr. Raemer Rex Renshaw, chemistry professor at New York University, and former president of the New York section of the American Chemical Society, and his wife, Mrs. Mary Wallace Renshaw, were killed shortly before midnight September 24 in a nineteen-story plunge from their apartment in this city. Dr. Renshaw was fifty-eight years of age, and his wife was fifty years old.

Alexander F. Voight, vice-president and treasurer of the Arabol Manufacturing Company, glue manufacturer, this city, died September 27. He was seventy-three years old. Surviving are his wife and a daughter.

That's not All..
SILVER-SEAL PRODUCTS
SILVER·SEAL PRODUCT
LEADING BRAND PRODUCTS
LEADING PRODUCTS INC
BENETCO DRUMS AND PAILS HAVE Constant Advertising Value
STURDY CONSTRUCTION 1 It is only part of the job of these sturdy Lithographed STEEL CONTAINERS to carry your products safely and conveniently to your customers.
CONVENIENT and SAFE 2 They keep your name and trademark constantly on display — helping you to INCREASE SALES.
ATTRACTIVELY LITHOGRAPHED 3 Give your products the advantages of these DOUBLE-DUTY CONTAINERS.
Write for catalog and prices on containers for your products.
WILSON & BENNETT MFG. CO.
Eastern Office and Factory 393 Danforth Ave., Jersey City, N. J. Phones: Delaware 3-4700, Cortlandt 7-0231
GENERAL OFFICE AND FACTORY 6532 SO. MENARD AVE., CHICAGO, ILL. PHONE: PORTSMOUTH 8100
Southern Office and Factory Cortez and Bienville Sts., New Orleans, La. Phone: Galvez 2171
Southwestern Office and Factory: Port Arthur, Texas
Four Modern Factories—Sales Offices and Warehouses in Principal Cities

Fertilizer Materials

Critical European Situation Was Hub of Attention—Nitrogen Solution Higher—Potash Discounts Expire—Ammonia Sulphate Raised to October Level

The critical situation abroad attracted all attention last week. Buyers of foreign potash, ammoniates and other materials from overseas were concerned about contract deliveries but Thursday's news of peaceful settlement of the Sudeten problem made for easier breathing. Pricewise, the principal developments of the week were the expiration of the discount period of potash salts and the change from the September to October price schedule for sulphate of ammonia. Also effective October 1, the price for nitrogen solutions advanced one cent per unit.

Unharvested cotton in the South Atlantic States escaped damage from the recent hurricane, but severe crop damage was reported in the middle Atlantic and New England States. The Connecticut tobacco valley was infinitely damaged; New Jersey and Long Island truck crops were ruled. Later in the week, a tornado struck Charleston, S. C.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ammonia sulphate, 25c. per ton.
Blood, dom., Chicago, 10c. per unit-ton.
New York, 15c. per unit-ton.
Bone, raw, 4½ & 50, dom., $1 per ton.
Fish scrap, Japanese sardine, 50c. per ton.
Nitrogen solution, 1c. per unit.
Potash salts, 5 percent.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Organic ammoniates attracted very little interest, albeit prices had a somewhat stiffer tendency, mainly because of the possibilities of warfare in Europe and partly because of the lack of steamer space for the import of packing-house by-products from South America. Ocean freight rates from South America have been raised, and the water rate from West Coast United States ports to Eastern ports was increased $1 per ton last week.

Ammoniates

Nitrate of Soda.—The market continued in a seasonally pacific position. The threat of war in Europe had no immediate influence on the market, and sellers of nitrate said that there had been no movement toward ordering in supplies. Prices continued steady at the schedule.

Sulphate of Ammonia.—The September prices expired at the end of that month and the October prices went into effect on Saturday morning. The October quotations are $27.25 per ton for car lots in bulk, f.o.b. cars at nearest Atlantic or Gulf ports and/or $1 per ton cheaper, f.o.b. cars at nearest inland producing oven, whichever is lower to destination. Increased operations at steel mills have rid the supply situation of some of its earlier tightness, particularly for October-November position In some sections of the South resales have been reported at a premium of 50c. per ton over the market, but these were small and scattered. The Bureau of Mines reported August output of sulphate as having been 69,797,000 pounds (34,898 tons), an increase of 14.5 percent over the 60,964,000 pounds produced in July; ammonia liquor production in August was 3,638,000 pounds (NH_3 content), an increase of 20.9 percent over the 3,008,000 pounds produced in July. The production from by-product coke operations in the first eight months of 1938 totaled 534,972,000 pounds of sulphate and 27,378,000 pounds (NH_3 content) of liquor.

Dried Blood.—Although the latest sales in New York were at $2.85 per unit, all holders of stocks asked $3 per unit last week. In Chicago, sales were made at $3 per unit, a boost of 10c. over the preceding week's sale price. Imported material was nominal at $3.10 to $3.20 per unit and difficult to obtain because of the lack of freight space.

Fish Scrap.—One of the Chesapeake manhaden fishermen halted operations for the season September 24. The catch by the vessels still at work last week was small. There have been no sales of unground futures during the past ten days and the latest transaction was one of two weeks back at $3.30 and 10c. per unit-ton, at the factory, when-and-if-made. With the output down to about one-half of last season, it is quite unlikely that the fishermen will deliver on all of the contracts booked this season. Japanese sardine meal was boosted 50c. per ton last week to the basis of $44 per ton, c.i.f. for spot or shipment. Ground menhaden meal remained at $48 per ton in Baltimore. Some acid fish has been reported offering from the South Atlantic production points at Fernandina and North Carolina at $2.50 and 50c. per unit-ton.

Nitrogenous Material.—Imported material remained at $2.65 to $2.70 per unit with very little interest. Domestic sellers in Carrollville were able to offer small tonnages at $2.25 per unit, f.o.b. Carrollville for prompt shipment. The Norfolk price was $2.60 per unit and the market at Chemical, Ill., was $2.35 per unit.

Tankage.—There was very little trading interest in the market last week, and prices for domestic production were unchanged throughout the week. Imported material was in a nominal position and difficult to obtain because of the scarcity of steamer space from South America.

Potashes

The 5 percent discount allowed on order placed prior to October 1 expired at the close of business Friday. Prices for potash salts are now at list. There was very little business booked at the 5 percent discount as most of the trade had booked up to estimated needs for the season at the 12 percent discount available earlier in the season.

Phosphates

Prices for raw bone meal edged a little higher, but otherwise the phosphate group of fertilizer materials was without particular feature. Superphosphate was in a steady position at Baltimore and other East Coast production points.

Bone Materials.—The domestic 4½ & 50 raw bone was advanced $1 per ton to the basis of $28.50 per ton, c.i.f. Atlantic ports. The imported product was in a nominal position because of the lack of steamer space from abroad.

Superphosphate.—The Baltimore market continued in a firm position. The AAA reported that applications have been accepted for 62,716 tons of triple superphosphate to be furnished farmers in the Eastern and Southern States for use in carrying out soil-building practices under the 1938 farm program. In 1937 the triple-A furnished 24,536 tons of triple super. Of this season's total of 62,716 tons, the AAA is obtaining 35,199 tons from TVA and 27,517 tons from commercial sources. Up to September 22 the tonnage of triple super for which applications were accepted this year by States is as follows:—Alabama, 1,045; Arkansas, 162; Connecticut, 279; Georgia, 26; Kentucky, 33,263; Maine, 1,278; New Hampshire, 506; North Carolina, 1,020; Oklahoma, 61; Pennsylvania, 33; Tennessee, 11,103; Vermont, 2,629; Virginia, 3,640; and West Virginia, 7,671.

Sulphur and Pyrites

The volume of crude sulphur ordered against contracts has been expanding slowly, but the betterment to date is regarded by sellers as a seasonal development, and sellers say there has been no large-scale buying or new business which might have been attributable directly to war preparations. Export business has been good all year. Prices continued in a steady position.

Markets at Other Centers

Atlanta, Sept. 29.—Added to other uncertainties, the war situation in Europe, is causing hesitation in the fertilizer materials market. Some additional sulphate of ammonia is available for November ordering as a result of the increased activity of the steel mills.

Cottonseed meal is fairly firm as the new crop of seed is being crushed. Offerings of tankage are largely of domestic origin with very little foreign around. Both domestic and foreign nitrogenous are being offered, also South Atlantic fish scrap at ports.

Unharvested cotton and other southern crops escaped threatened damage from the storm that struck New England. Weather is excellent for harvesting cotton which is well advanced.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—$27 per ton, bulk, ports.

SULPHATE OF AMMONIA.—October $27.25, port basis.

COTTONSEED MEAL.—8 percent grade $22.50 to $23 per ton, interior mills.

TANKAGE.—$2.50 and 10c., basis Chicago; $3.25 and 10c., foreign, ports.

BLOOD.—$2.75 per unit, Chicago basis; $3.25, foreign, ports.

BONE.—Steam, 3 and 50, $22.50 per ton CIF.

FISH.—Menhaden, $3.35 and 10c., Chesapeake ports; acidulated scrap, $2.50 and 50c. South Atlantic points.

Baltimore, Sept. 29.—With the tense situation in Europe to hold attention, it was to have been expected that the market for crude fertilizer materials should be very quiet. The current quotations were about as follows:—

FISH SCRAP.—The production of menhaden scrap is likely to be down perhaps one half from last season's tonnage according to observers in the trade. While no further sales were reported this week, the normal value was $3.30 and 10c. per unit-ton, at factory. Menhaden meal remains firm at $48 a ton. Japanese sardine meal is at $44 per ton c.i.f.

TANKAGE.—This material is firm with unground feeding stocks at $2.70 and 10c. per unit-ton, and ground supplies $2.80 and 10c. to $2.85 and 10c. per unit-ton; fertilizer grades $2.50 and 10c. to $2.60 and 10 for unground, and, $2.65 and 10c. to $2.70 and 10c. per unit-ton, for ground.

BLOOD.—$2.85 per unit-ton.

SUPERPHOSPHATE.—The nominal quotations are $7.50 per ton for run of pile, and $8 per ton for 16 percent milled and screened stocks.

NITROGENOUS MATERIAL.—Foreign quotations were $2.65 to $2.70 per unit.

BONE.—$22 for 1 and 60; $23 for 3 and 50 ground steamed; and $27 per ton for 4½ and 50 ground raw material.

Chicago, Sept. 29.—The general fertilizer materials market looks quite a little firmer in some sections and on the whole it appears to be holding its own with comparatively little difficulty. More interest is being shown. Blood has been quoted at slightly higher prices and sellers are holding steady at the improved levels. Tankage is in good call at this time. Bone materials have been slow, but they also are partaking of the general improvement in tone.

BLOOD.—Principal grade, $2.90 to $3 per unit of ammonia.

TANKAGE.—High grade, ground, $2.50 to $2.70 and 10c.; low grade, $18 to $20; hoof meal, $2.50 to $2.75; liquid stick, $1.75 to $2.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $21; 3 and 50 percent, $24 to $26; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $40 to $50, mostly nominal; cattle jaws, skulls and knuckles, $18 to $19; pork cracklings, soft pressed, $37.50 to $42.50; beef cracklings, soft pressed, $27.50 to $32.50; hard pressed cracklings, per unit of protein, 55c. to 60c.

Los Angeles, Sept. 27.—The trade states there has been a renewed interest in some of the organic products, like blood and tankage and some parcels of northern California fish meal are finding their way into the market here, for prompt shipment, at figures close to $40.50 per ton. But otherwise, conditions are quiet and the big mixers are somewhat concerned about the present prices of citrus and other agricultural products. As a consequence there is very little talk, if any, concerning chemicals. Mixers are starting to receive supplies in volume now against the contracts they made a few months back and the movement of potashes from Europe has been good. There is only very light application of materials at the moment, but spreading is expected to start generally before many more weeks.

Ruling prices were:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra. Prices in effect through June, 1939.

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or ex warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, Los Angeles. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, Los Angeles harbor; basis 16 percent N., 20 percent P. A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—Northern California sardine meal, early delivery, is quoted on the basis of $40.50 per ton, f.o.b. Los Angeles harbor. Quoted on the basis of $36.50 per ton, f.o.b. cars, Monterey, and $37.50 per ton, f.o.b. cars, San Francisco Bay.

TANKAGE.—Unground fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $2.60 to $2.80 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Higher grade, quoted at $3.10 and 10c. Dry rendered, ground, quoted nominally on the basis of $35 per ton, f.o.b. cars. Unground, dry rendered, quoted at 57½c. to 60c. per unit of protein.

BLOOD MEAL.—Domestic, $2.75 to $2.80 per unit, nominally, f.o.b. cars, Los Angeles.

C. M. Miler, former president of the Davison Chemical Company, Baltimore, has been defeated as a member of the Republican State Central Committee.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U. S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O, ALSO 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 Rockefeller Plaza
New York, N. Y.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Shipping Information

All matter under this heading fully protected by copyright

Imports at U.S. Ports

New York Imports

ACID, COALTAR—16 dms, 3 tons, 19 cwts, 2 qtrs, Merck & Co, Kyno, Hull
CRESYLIC—50 dms, W E Jordan & Bros, American Importer, Liverpool
60 dms, W A Foster & Co, Franconia, Liverpool
96 dms, 22 tons, 14 cwts, 2 qtrs, 27 lbs, Merck & Co, Kyno, Hull
NAPHTHENIC—2,000 bbls, Standard Oil Co of N J, Standard, Aruba
AGAR AGAR—15 bls, T M Duche & Sons, Nozima, Yokohama
ALBUMEN EGG, HEN—34 cs, Paul A Dunkel & Co, Nozima, Tientsin
10 cs, Nozima, Tientsin
22 cs, Paul A Dunkel & Co, Kansai, Tientsin
22 cs, H Baron & Co, Kansai, Tientsin
28 cs, Consumers Import Co, Kansai, Tientsin
22 cs, Bridges, Neumer & Co, Kansai, Tientsin
ALCOHOL, DENATURED—1,099 dms, P R Alcohol Co, Rosario, San Juan
300 dms, C P Chemical Solvents, Rosario, Ponce
ALMOND MEAL—1 cs, Ungerer & Co, Britannic, London
ALUMINUM LEAF—48 cs, F P Gaskell Co, Columbus, Bremen
POWDER—6 cs, 1,852 lbs, Heemsoth, Kerner Co, Hansa, Hamburg
SULPHATE—1 cs, American Metal Co, Santa Barbara, Antofagasta
ANISE—60 bgs, Ingria, Marseilles
ARTIST'S MATERIAL—8 cs, Gallagher & Ascher, Nieuw Amsterdam, Rotterdam
7 cs, Winsor & Newton, Britannic, London
ASPHALT, MINERAL—325 bgs, Central Commercial Co, Seatrain New York, Havana
BABASSU KERNELS—10,499 bgs, General Food Corp, Bonheur, Maranhao
BARIUM CHLORATE—30 bbls, 3,720 lbs, International Selling Corp, Independence Hall, Havre
BENZIN—10 bbls, M W Kellogg & Co, Robert Maersk, London
BILBERRIES—60 bgs, 6,600 lbs, S B Penick & Co, St Louis, Hamburg
BLACK, CARBON—1 cs, Goodyear Tire & Rubber Export Co, Malayan Prince, Cheribon
BLEACHING POWDER—1 cs, Brand Bros, Hansa, Hamburg
305 dms, H H Rosenthal Co, Kansai, Yokohama
BONES—2 cars, Geck Trading Co, Seatrain New York, Havana
BRISTLES—66 cs, National City Bank, Nozima, Dairen
55 cs, Corn Exchange Bank, Nozima, Tientsin
100 cs, Corn Exchange Bank, Nozima, Dairen
178 cs, H Rosenhirsch Co, Kansai, Tientsin
138 cs, N Wagman, Kansai, Tientsin
135 cs, B C Ritchie & Co, Kansai, Tientsin
107 cs, S Hirshenhorn & Son, Kansai, Tientsin
82 cs, J H Schroeder Banking Corp, Kansai, Tientsin
100 cs, Goldman, Sachs & Co, Kansai, Tientsin
30 cs, National City Bank, Kansai, Tientsin
152 cs, Bank of Manhattan, Kansai, Tientsin
55 cs, Kansai, Tientsin
BRONZE LEAF—1 cs, M J Corbett & Co, Columbus, Bremen
POWDER—20 dms, T D Downing & Co, St Louis, Hamburg
CACTUS—10 bxs, S B Penick & Co, Talamanca, Kingston
CADMIUM SULPHIDE—1 kg, Merchants Chem Co, City of Eastbourne, Calcutta
CALCIUM, METALLIC—2 cs, Charles Hardy, Independence Hall, Havre
24 cs, Charles Hardy, Ingria, Marseilles
CANARY SEED—180 bgs, Ingria, Casablanca
CARAWAY SEED—50 bgs, 5,500 lbs, Habicht-Braun Co, Nieuw Amsterdam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Nieuw Amsterdam, Rotterdam
100 bgs, 11,000 lbs, C M Van Stillevoldt, Nieuw Amsterdam, Rotterdam
150 bgs, 16,500 lbs, Catz American Co, Robert Maersk, Rotterdam
100 bgs, 11,000 lbs, American Bluefriesveen Co, Black Eagle, Rotterdam
CARDAMOM—85 tins, P H Petry & Co, Pastores, Porto Barrios
6 cs, City of Eastbourne, Colombo
CASEIN—200 bgs, A Hurst & Co, Champlain, Havre
CASSIA—275 bls, B H Old & Co, Simaloer, Padang
VERA—139 pkgs, J F Frank, Foylebank, Padang
CASTOR SEED—15,956 bgs, Laplace, Ceara
5,550 bgs, Spencer Kellogg & Sons, Pocone, Santos
1,138 bgs, Pocone, Rio de Janeiro
CELERY SEED—90 bgs, City of Eastbourne, Colombo
10 bgs, Knickerbocker Mills Co, Ingria, Marseilles
CHALK, BLOCK—500,000 kilos, Taintor Trading Co, Independence Hall, Dunkirk
COMMON—1,599 bgs, R L Watkins Co, Britannic, London
PRECIPITATED — 200 bgs, H J Baker & Bros, Franconia, Liverpool
1,500 bgs, 76 tons, 13 cwt, 2 qtrs, Colgate-Palmolive-Peet Co, Kyno, Hull
CHEMICALS—31 cs, 3 bbls, Universal Carloading & Distr Co, Drottningholm, Gothenburg
5 cs, Bergstrom Trading Co, Drottningholm, Gothenburg
614 bgs, 250 cks, Columbus, Bremen
3 cs, 1 ck, 1 crby, Pfaltz & Bauer, Columbus, Bremen
1 cs, General Dyestuff Corp, Columbus, Bremen
200 bgs, 11,000 lbs, C B Chrystal & Co, Hansa, Hamburg
5 cs, 739 lbs, Pfaltz & Bauer, Hansa, Hamburg
4 cs, Desitin Chem Co, Hansa, Hamburg
10 bbls, 5,214 lbs, Hansa, Hamburg
75 cs, 30 crbys, Hansa, Hamburg
32 bbls, 12,172 lbs, National City Bank, Hansa, Hamburg
35 cs, 3,491 lbs, Schimmel & Co, Hansa, Hamburg
50 bbls, 11,853 lbs, E I du Pont de Nemours Co, Hansa, Hamburg
3 cs, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
1 cs, Eimer & Amend, Hansa, Hamburg
5 cks, 20 bgs, Jungmann & Co, Hansa, Hamburg
CHEMICALS—40 cks, Robinson-Wagner Co, Hansa, Hamburg
3 cs, Gane & Ingram, Hansa, Hamburg
1 cs, Merrit Engineering & Sales Co, Hansa, Hamburg
10 dms, 10 cs, Michel Export Co, Nieuw Amsterdam, Rotterdam
3 cks, 8 cs, Advance Solvents & Chem Co, Nieuw Amsterdam, Rotterdam
55 cs, Th Goldschmidt Corp, Nieuw Amsterdam, Rotterdam
1 cs, Merck & Co, Britannic, London
4 kgs, Carbic Color & Chem Co, Normandie, Havre
6 cs, Lo Curto & Funk, Normandie, Havre
2 cs, Riedel de Haen, St Louis, Hamburg
4 cks, Rohner-Gehrig Co, St Louis, Hamburg
8 cks, St Louis, Hamburg
45 cs, General Aniline Works, Black Eagle, Rotterdam
70 dms, 4 bots, 1 ck, 1 cs, Advance Solvents & Chem Co, Black Eagle, Rotterdam
100 cks, American Cyanamid & Chem Co, Black Eagle, Rotterdam
115 dms, Industrial Sales Corp, Black Eagle, Antwerp
18 cks, General Aniline Works, Hansa, Hamburg
26 bids, Geigy Co, Normandie, Havre
CHINA CLAY—25 kegs, E Fougera & Co, Britannic, London
CHROME ORE—4,000 tons, E J Lavino & Co, Robin Goodfellow, Beira
CINCHONA PRODUCTS—100 dms, R W Greeff & Co, Nieuw Amsterdam, Rotterdam
CLAY—107 bgs, Garfield Williamson, Robert Maersk, London
COALTAR DERIVATIVES—6 cks, General Aniline Works, Hansa, Hamburg
34 cks, General Aniline Works, Nieuw Amsterdam, Rotterdam
INTERMEDIATES—7 cks, General Dyestuff Corp, Columbus, Bremen
3 cs, 5 cks, General Dyestuff Corp, Hansa, Hamburg
14 dms, General Aniline Works, Nieuw Amsterdam, Rotterdam
52 cks, 70 dms, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
4 cks, 1 dm, Sandoz Chemical Works, Bremen, Bremen
6 cks, 4 cs, General Dyestuff Corp, Bremen, Bremen
54 dms, General Aniline Works, Black Eagle, Rotterdam
COBALT METAL—30 cs, Westernland, Antwerp
COCOA BEANS—1,052 bgs, Tropic Food, Talamanca, Cristobal
750 bgs, Bonheur, Para
500 bgs, W R Grace & Co, Santa Barbara, Guayaquil
250 bgs, Santa Barbara, Guayaquil
21 bgs, Mecke & Co, Astrea, Maracaibo
98 bgs, Schutte & Focke, Astrea, Jeremie
20 bgs, Struller & Wood, Astrea, Jeremie
44 bgs, Astrea, Jeremie
300 bgs, Machado & Co, Santa Elena, La Guaira
500 bgs, Simaloer, Samarang
8,600 bgs, W Bartholomew & Co, Pocone, Bahia
9,000 bgs, Pocone, Bahia
1,016 bgs, Gillespie & Co, Almena, Trujillo
500 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
39 bgs, Gillespie & Co, Almena, Sanchez
COCONUTS—650 half bgs, I L Toledano Corp, Talamanca, Kingston
65 bgs, 6,500 lbs, H L Daurnheim, Borinquen, San Juan
30 bgs, 3,000 lbs, Simon French Co, Borinquen, San Juan
750 bgs, 75,000 lbs, I L Toledano Corp, Cristobal, Cristobal
4 bgs, Falzarano Bros, Almena, Porto Plata
20 bgs, 2,000 lbs, Solaris Brands, Musa, Port Antonio
766 bgs, 76,600 lbs, Universal Import & Export Co, Musa, Port Antonio
4,037 bgs, 403,700 lbs, General Food Corp, Musa, Port Antonio
200 bgs, 20,000 lbs, J A Manton, Quirigua, Kingston
900 bgs, 90,000 lbs, Quirigua, Kingston
45 bgs, 4,500 lbs, Universal Import & Export Co, Rosario, San Juan
42 bgs, 4,200 lbs, N M Church, Rosario, San Juan
150 bgs, 15,000 lbs, General Food Corp, Rosario, San Juan
169 bgs, 16,900 lbs, Rosario, San Juan
COCONUT, DESIC—600 cs, Wilbur Ellis Co, Penrith Castle, Davao
269 cs, Balfour, Guthrie & Co, Yamazuki, Manila
COLORS—20 cks, Kentler Bros, Koenigstein, Antwerp
65 cks, Columbus, Bremen
1 bbl, C Happel, Hansa, Hamburg
100 cs, American Dyewood Co, Champlain, Havre
1 cs, General Aniline Works, Nieuw Amsterdam, Rotterdam
2 cs, B F Drakenfeld & Co, American Importer, Liverpool
EARTH—86 cks, Calco Chem Co, Columbus, Bremen
53 cks, Reichard Coulston, Nieuw Amsterdam, Rotterdam
PIGMENT—15 jugs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
PRINTING—4 dms, 9 cs, Chase National Bank, Hansa, Hamburg
4 cans, General Dyestuff Corp, Bremen, Bremen
COPAIBA BALSAM—10 dms, G Uhe & Co, Bonheur, Itacoatiara
COPPERAS, GREEN—200 kgs, 21 tons, 4 cwt, 2 qtrs 16 lbs, Robinson-Wagner Co, Kyno, Newcastle-on-Tyne
COPPER RESIDUE ASHES—452 bgs, 53 tons, 13 cwt, 10 lbs, Kyno, Newcastle-on-Tyne
CORIANDER SEED—300 bgs, Ingria, Casablanca
1,126 bgs, President Harding, Hamburg
CORK—73 bls Wicander & Co, Ingria, Bone
5 bgs, Mundet Cork Co, Ingria, Lisbon
VIRGIN—861 bls, Mundet Cork Corp, Monbaldo, Lisbon
WASTE—20,822 bls, Mundet Cork Corp, Monbaldo, Lisbon
6,486 bls, Ingria, Bone
WOOD—374 bls, Mundet Cork Corp, Monbaldo, Lisbon
271 bls, H Suhl, Ingria, Bone
145 bls, Pablo, Calvet & Co, Ingria, Lisbon
115 bls, Chase National Bank, Ingria, Lisbon
140 bls, Ingria, Lisbon
COTTONSEED OIL STEARIN—11 dms, Bonheur, Santos
CRESOL—13 kgs, Monsanto Chem Co, Franconia, Liverpool
CRYOLITE—1 cs, General Electric Co, Baghdad, Hamburg
CUBEBS—20 bgs, Foylebank, Singapore
CUBE ROOT—220 bls, Astoria Import Mfg Co, Bonheur, Iquitos
275 bls, Wessel, Duval & Co, Bonheur, Iquitos
118 bls, Bonheur, Iquitos
390 bls, F Brunschwig & Co, Bonheur, Iquitos
CUMIN SEED—188 bgs, Ingria, Marseilles
CUTCH—1,150 bgs, Sig Saxe, Brastagi, Sandakan
CYANIDE PRECIP—24 cs, South American Development Co, Santa Barbara, Guayaquil
DERRIS ROOT—2 bls, Bank of New York, Foylebank, Singapore
50 bls, S B Penick & Co, Foylebank, Singapore
48 bls, Bank of New York, Foylebank, Port Swettenham
50 bls, Bank of New York, Foylebank, Teluk Anson
DILLSEED—186 bgs, City of Eastbourne, Colombo
DIMETHYL SULPHATE—13 bbls, 7,167 lbs, Merck & Co, Independence Hall, Havre
DRUGS—11 cs, 2,972 lbs, Hansa, Hamburg
DYES, ALIZARIN—1 cs, 8 jugs, 8 dms, 30 cks, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
4 cks, General Dyestuff Corp, Bremen, Bremen
ANILIN—14 cks, 1 cs, General Dyestuff Corp, Columbus, Bremen
19 dms, Sandoz Chem Works, Hansa, Hamburg
6 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
2 cs, 12 dms, 154 cks, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
10 dms, L & R Organic Prod Co, Britannic, Southampton
9 bbls, 2 cs, Ciba Co, Normandie, Havre
32 kgs, 1 cs, Carbic Color & Chem Co, Normandie, Havre
14 dms, Sandoz Chem Works, Bremen, Bremen
14 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen
EGG YOLK, HEN—22 cs, Paul A Dunkel & Co, Nozima, Tientsin
21 cs, Nozima, Tientsin
69 cs, P A Dunkel & Co, Kansai, Tientsin
EPHEDRA—160 bls, National City Bank, Nozima, Tientsin
119 bls, Wah Chang Trading Corp, Nozima, Tientsin
ERGOT—40 cs, 5,878 lbs, S B Penick & Co, Black Eagle, Antwerp
FERROMANGANESE — 125 cks, President Harding, Havre
FERTILIZER—318 bgs, 69,960 lbs, Baghdad, Hamburg
FILTER COMPOUND—75 bls, Mager Bros, Hansa, Hamburg
30 bls, G Segal Co, St Louis, Hamburg
22 bls, Aug Giese & Son, St Louis, Hamburg
PAPER—9 cs, H Reeve Angel & Co, Britannic, London
FLAXSEED—1,500 tons, 60,000 bus, Laplace, Buenos Aires
500 tons, 20,000 bus, Laplace, Rosario
FLEASEED—449 bgs, City of Eastbourne, Colombo
HUSK—28 bgs, City of Eastbourne, Colombo
FORMALDEHYDE HYDROSULPHITE — 15 bbls, President Harding, Havre
FUR, WASTE—51 bls, Hansa, Hamburg
GAMBIER—339 bgs, Foylebank, Singapore
140 bgs, Malayan Prince, Singapore
GELATIN—30 cs, Dingelstedt & Co, St Louis, Hamburg
2 cs, H W Robinson & Co, Koenigstein, Antwerp
2 pkgs, Paul Puttmann, Hansa, Hamburg
29 cs, L A Consmiller, Nieuw Amsterdam, Rotterdam
25 bls, C B Hewitt & Bro, Robert Maersk, Antwerp
POWDERED—56 bbls, International Selling Corp, Koenigstein, Antwerp
107 cs, 9 pkgs, International Selling Corp, Westernland, Antwerp
1,298 bgs, Westernland, Antwerp
SHEET—10 cs, C B Hewett & Bro, Koenigstein, Antwerp
100 bgs, Ingria, Marseilles
GINGER ROOT—40 bgs, B H Old & Co, Talamanca, Kingston
57 bgs, S B Penick & Co, Talamanca, Kingston
100 bgs, Gillespie & Co, Quirigua, Kingston
GLASS, PLATE—19 cs, Hansa, Hamburg
12 cs, L Solomon & Son, Black Eagle, Antwerp
WINDOW—1,200 cs, Koenigstein, Antwerp
33 cs, W J Byrnes & Co, Hansa, Hamburg
15 cs, Vitrea Co, President Harding, Hamburg
GLUE—1 cs, J F Kilroy Co, Britannic, Southampton
MARINE, BLACK—90 kgs, Selby, Battersby & Co, American Importer, Liverpool
GLYCERIN—20 dms, Ingria, Marseilles
49 dms, Franconia, Liverpool
1 car, Procter & Gamble Co, Seatrain New York, Havana
1 car, Colgate, Palmolive, Peet Co, Seatrain New York, Havana
26 dms, C J Schelling, Seatrain New York, Havana
GOLD OF PLEASURE SEED—60 bgs, 13,200 lbs, Hansa, Hamburg
GREASE, SEWAGE—50 dms, Franconia, Liverpool
WOOL—50 dms, 23,898 lbs, Continental Bank & Trust Co, Independence Hall, Dunkirk
29 dms, N J Malmstrom & Co, Franconia, Liverpool
GUARANA ROLLS—2 cs, J L Hopkins & Co, Bonheur, Manaos
GUM—20 bgs, Peek & Velsor, City of Eastbourne, Aden
199 bgs, Nieuw Amsterdam, Rotterdam
ARABIC—1 bg, Frank Vliet Co, Koenigstein, Antwerp
250 bgs, Barclay Bank, City of Eastbourne, Port Sudan
COPAL—400 bgs, Koenigstein, Antwerp
50 bgs, Gillespie, Rogers, Pyatt Co, Black Eagle, Antwerp
62 cs, 138 bgs, 78 baskets, O G Innes Corp, Brastagi, Batavia
94 baskets, Manufacturers Trust Co, Brastagi, Batavia
402 baskets, Brastagi, Batavia
44 baskets, Chase National Bank, Brastagi, Amboina
79 bgs, Stroock & Wittenberg, Malayan Prince, Manila
56 baskets, American Cyanamid & Chem Co, Malayan Prince, Kau
103 baskets, Van Norden & Archibald, Malayan Prince, Tomini Bay
34 baskets, Van Norden & Archibald, Malayan Prince, Macassar
69 baskets, France, Campbell & Darling, Malayan Prince, Macassar
128 baskets, American Cyanamid & Chem Co, Malayan Prince, Macassar
GUM, COPAL—381 baskets, O G Innes Corp, Malayan Prince, Macassar
292 baskets, T G Cooper & Co, Malayan Prince, Macassar
DAMMAR—50 cs, Manufacturers Trust Co, Malayan Prince, Singapore
50 cs, W H Scheel, Malayan Prince, Singapore
140 bgs, S Winterbourne & Co, Malayan Prince, Singapore
280 bgs, France, Campbell & Darling, Malayan Prince, Singapore
50 cs, Stroock & Wittenberg, Penrith Castle, Singapore
50 cs, 210 bgs, National City Bank, Penrith Castle, Singapore
210 bgs, W H Scheel, Penrith Castle, Singapore
50 cs, Penrith Castle, Singapore
200 cs, American Cyanamid & Chem Co, Hopepeak, Batavia
420 bgs, Chase National Bank, Hopepeak, Singapore
210 bgs, Hopepeak, Singapore
100 cs, O G Innes Corp, Simaloer, Singapore
100 cs, Stroock & Wittenberg, Simaloer, Batavia
100 cs, National City Bank, Brastagi, Batavia
300 cs, Thurston & Braidich, Brastagi, Batavia
50 cs, France, Campbell & Darling, Brastagi, Singapore
130 bgs, Van Norden & Archibald, Malayan Prince, Macassar
210 bgs, 25 cs, O G Innes Corp, Malayan Prince, Singapore
455 bgs, American Cyanamid & Chem Co, Malayan Prince, Singapore
50 cs, Stroock & Wittenberg, Malayan Prince, Singapore
25 cs, 560 bgs, G W S Patterson & Co, Malayan Prince, Singapore
ELEMI—129 cs, Gillespie, Rogers, Pyatt Co, Malayan Prince, Manila
GAMBOGE—3 cs, Malayan Prince, Singapore
KARAYA—271 bgs, City of Eastbourne, Bombay
106 bgs, Frank Vliet Co, City of Eastbourne, Bombay
KAURI—60 bgs, Stroock & Wittenberg, Canadian Constructor, Auckland
GYPSUM—2,220 tons, National Gypsum Co, Vaga, Dingwall
2,225 tons, National Gypsum Co, Sekstant, Dingwall
821 bgs, 47 tons, 17 cwt, 11 lbs, Whittaker, Clark & Daniels, Kyno, Hull
200 bgs, 10 tons, Hammill & Gillespie, Kyno, Hull
HERBS, MEDICINAL—55 bls, Ingria, Marseilles
25 bls, Ingria, Bone
33 bls, S B Penick & Co, President Harding, Hamburg
19 bls, New York Trust Co, President Harding, Hamburg
HOPS—5 bls, Lansen Naeve Corp, Hansa, Hamburg
20 bls, S B Downing & Co, Nieuw Amsterdam, Rotterdam
15 cyls, Nieuw Amsterdam, Rotterdam
30 bls, President Harding, Hamburg
IPECAC ROOT—21 bgs, Wessel, Duval & Co, Cristobal, Central American Ports
21 bgs, C E Griffin Co, Cristobal, Central American Ports
IRISH MOSS, POWD—10 bgs, Champlain, Havre
IRON ORE—65 dms, 8 cks, 190 bgs, Reichard-Coulston, American Importer, Liverpool
OXIDE—36 cks, J A McNulty, American Importer, Manchester
10 cks, J Osborn & Co, American Importer, Liverpool
30 cks, J Lee Smith Co, Kyno, Hull
SAND—200 bgs, Kyno, Hull
ISINGLASS—11 cs, C H Reisig, Britannic, London
LEAVES, MEDICINAL—32 bls, Ingria, Marseilles
MACE—48 cs, Van Loan & Co, Foylebank, Singapore
48 cs, J F Frank, Penrith Castle, Padang
16 cs, Simaloer, Padang
63 cs, Catz American Co, Brastagi, Batavia
48 cs, Brastagi, Batavia
17 cs, Brastagi, Dobo
MAGNESIA—13 bbls, Alpinol Corp, Conte di Savoia, Genoa
5 cs, Vincent Barletta, Conte di Savoia, Genoa
CALCINED—10 cs, Schofield-Donald Co, American Importer, Liverpool
CARBONATE—150 cs, 100 dms, Schofield-Donald Co, American Importer, Liverpool
HYDRATE — 20 cs, Schofield-Donald Co, American Importer, Liverpool
PHOSPHATE—1 ck, Eimer & Amend, Hansa, Hamburg
MANGROVE BARK—176 bgs, Gale T German, Robin Goodfellow, Zanzibar
EXTRACT—1,000 bgs, Malayan Prince, Singapore
MARJORAM LEAVES—13 bgs, L M Ramirez, Borinquen, Trujillo
MATCHES, SAFETY—4,700 conts, New York Match Co, Drottningholm, Gothenburg
100 cs, Westernland, Antwerp
MEDICINAL PREPS — 2 cs, Alpinol Corp, Conte di Savoia, Genoa
2 cs, Vincent Barletta, Conte di Savoia, Genoa
50 cs, Nieuw Amsterdam, Rotterdam
6 cs, Burroughs, Wellcome & Co, Britannic, London
5 cs, Bremen, Bremen
MENTHOL—25 cs, Orbis Product Corp, Nozima, Kobe
25 cs, Bridges, Neumer & Co, Yamazuki, Kobe
40 cs, Kachurin Drug Co, Yamazuki, Kobe
30 cs, Kachurin Drug Co, Yamazuki, Otaru
MICA, BLOCK—10 cs, City of Eastbourne, Calcutta
DISCS—9 cs, Gillespie-Rogers-Pyatt Co, City of Eastbourne Calcutta
SPLITTINGS—108 cs, Gillespie-Rogers-Pyatt Co, City of Eastbourne, Calcutta
MOLASSES—350,000 kilos, W R Grace & Co, Santa Barbara, Salaverry
MURU MURU KERNELS—3,380 bgs, General Food Corp, Bonheur, Para
MUSTARD SEED—560 bgs, G T German, Kansai, Tientsin
MYROBALANS, EXTRACT, POWD—425 bgs, 21 tons, 5 cwt, International Product Corp, Kyno, Hull
NUTMEGS—272 bgs, J F Frank, Foylebank, Padang
108 bgs, B H Old & Co, Nieuw Amsterdam, Rotterdam
40 bgs, H P Winter & Co, Brastagi, Padang
OIL, ALMOND—10 cs, Ungerer & Co, Britannic, London
CAMPHOR—20 dms, Guaranty Trust Co, Nozima, Yokohama
45 dms, Irving Trust Co, Nozima, Yokohama
CHINAWOOD—122 tons, L N Jackson & Co, Foylebank, Shanghai

OIL, CHINAWOOD—329 tons, National City Bank, Foylebank, Hongkong
475 tons, Chase National Bank, Malayan Prince, Hongkong
210 tons, Bank of California National Association, Malayan Prince, Hongkong
56 dms, Wah Chang Trading Corp, Malayan Prince, Hongkong
CITRONELLA—28 dms, Foylebank, Batavia
10 dms, Dodge & Olcott Co, Foylebank, Colombo
24 dms, National City Bank, Simaloer, Batavia
12 dms, Irving Trust Co, Simaloer, Batavia
9 dms, Simaloer, Batavia
32 dms, National City Bank, Erastagi, Batavia
8 dms, Brastagi, Sourabaya
16 dms, Brastagi, Sourabaya
29 dms, Catz American Co, Malayan Prince, Batavia
CLOVES—4 dms, French American Banking Corp, Robin Goodfellow, Durban
10 cks, French Line, City of Eastbourne, Port Said
COCONUT—349 tons, Pacific Vegetable Oil Co, Penrith Castle, Cebu
420 tons, Bank of California, Malayan Prince, Manila
419 tons, Guaranty Trust Co, Malayan Prince, Manila
COD—75 bbls, Bowring & Co, Fort Townshend, St Johns
50 bbls, President Harding, Hamburg
52 cks, F W Damon, Fort Amherst, St Johns
CODLIVER—1 bbl, Rockefeller Foundation, Fort Townshend, St Johns
331 dms, Kyno, Hull
608 dms, Consumers Import Co, Kyno, Hull
CORN—161 dms, 33 tons, 11 cwt, 3 qtrs, 20 lbs, Balfour, Guthrie & Co, Kyno, Hull
112,280 kilos, Black Eagle, Antwerp
CROTON—3 cs, Dodge & Olcott Co, Britannic, London
ESSENTIAL—10 dms, Pastores, Puerto Barrios
1 dm, Talamanca, Kingston
6 dms, Nozima, Yokohama
12 cs, Champlain, Havre
4 cs, President Harding, Lyon
8 cs, Britannic, Southampton
32 cs, Normandie, Havre
1 dm, Quirigua, Kingston
EUCALYPTUS—5 dms, P R Dreyer, Yamazuki, Yokohama
FUEL—94,000 bbls, Standard Oil Corp of N J, Esso Aruba, Aruba
110,000 bbls, Standard Oil Co of N J, Standard, Aruba
78,766 bbls, Asiatic Petroleum Corp, Conus, Curacao
112,000 bbls, Standard Oil Co of N J, J A Mowinckel, Aruba
82,000 bbls, Standard Oil Co of N J, Calliope, Aruba
GERANIUM — 1 ck, French Line, City of Eastbourne, Port Said
JASMINE—1 cs, Heine & Co, Hansa, Hamburg
LUBRICATING—25 dms, Koenigstein, Antwerp
10 dms, Black Eagle, Antwerp
MINERAL—100 dms, 46,491 lbs, Hansa, Hamburg
OITICICA—223 dms, Laplace, Ceara
OLIVE—150 cs, Conte di Savoia, Genoa
32 cs, Conte di Savoia, Naples
50 dms, Irving Trust Co, Ingria, Marseilles
25 dms, La Manna Azema & Farnan, Ingria, Marseilles
81 cs, Ingria, Marseilles
75 cs, 55 dms, Ingria, Lisbon
OLIVE SULPHUR—100 dms, Leghorn Trading Co, Ingria, Lisbon
PALM—35 dms, Balfour, Guthrie & Co, Nieuw Amsterdam, Rotterdam
50 dms, Regent Import Co, Robert Maersk, Rotterdam
quantity, Banque Belge Pour l'Etranger, Penrith Castle, Belawan
25 dms, Balfour, Guthrie & Co, Franconia, Liverpool
1,020 tons, Banque Belge Pour l'Etranger, Brastagi, Belawan Deli
251 tons, Van Leeuwen, Boomkamp & Co, Brastagi, Belawan Deli
418 tons, Brastagi, Belawan Deli
PEANUT—370 tons, Nozima, Tsingtao
1 dm, Mitsubishi Shoji Kaisha, Nozima, Osaka
287 tons, Mitsubishi Shoji Kaisha, Kansai, Tsingtao
PEPPERMINT—1 cs, Beechnut Packing Co, Franconia, Liverpool
PERILLA—346 tons, Mitsui & Co, Nozima, Dairen
490 tons, Mitsui & Co, Kansai, Dairen
PIMENTO LEAF—7 cs, Gillespie & Co, Talamanca, Kingston
POLLACK LIVER—100 dms, Consumers Import Co, Yamazuki, Kobe
RAPESEED—198 tons, Mitsui & Co, Kansai, Kobe
RICE BRAN—50 dms, Mitsubishi Shoji Kaisha, Nozima, Osaka
150 tons, Procter & Gamble Co, Britannic, London
350 tons, Colgate-Palmolive-Peet Co, Britannic, London
ROSEWOOD—8 dms, Bonheur, Para
12 dms, Bonheur, Manaos
SYNTHETIC—12 cs, Lo Curto & Funk, Robert Maersk, Rotterdam
ORANGE PEEL—5 cs, Greene Trading Co, Robert Maersk, London
68 bgs, Astrea, Jacmel
PALMKERNEL—2,437 bgs, Penrith Castle, Belawan Deli
364 bgs, Penrith Castle, Soesoh
1,067 bgs, Penrith Castle, A Poetih
800 bgs, Penrith Castle, Paneh
2,106 bgs, Penrith Castle, Belawan Deli
6,774 bgs, Malayan Prince, Belawan Deli
PAPRIKA—23 bgs, President Harding, Hamburg
PARAFFIN—2 cs, Eimer & Amend, Hansa, Hamburg
1,008 bgs, Asiatic Petroleum Corp, Brastagi, Balik Papan
PEATDUST—80 bls, Import & Supply Co, Tuscania, Glasgow
PEATMOSS—800 bls, 100 half bls, Columbus, Bremen
1,200 bls, Hansa, Hamburg
PEPPER, BLACK — 672 bgs, Foylebank, Pangkal Pinang
696 bgs, Stein, Hall & Co, Penrith Castle, Batavia
54 bgs, Stein, Hall & Co, Penrith Castle, Oosthaven
1,872 bgs, Penrith Castle, Oosthaven
2,925 bgs, Brastagi, Oosthaven
243 bgs, Brastagi, Telok Betong
2,322 bgs, Catz American Co, Malayan Prince, Oosthaven
247 bgs, Malayan Prince, Oosthaven
WHITE — 333 bgs, Foylebank, Pangkal Pinang
83 bgs, Irving Trust Co, Foylebank, Batavia
81 bgs, Foylebank, Batavia
84 bgs, Penrith Castle, Pang Pinang
167 bgs, A G Dunn, Penrith Castle, Batavia
258 bgs, Catz American Co, Penrith Castle, Batavia
86 bgs, Catz American Co, Malayan Prince, Batavia
PETROLEUM, DERIVATIVE—40 dms, 18,163 lbs, Hansa, Hamburg
PIMENTO—130 bgs, G T German, Talamanca, Kingston
100 bgs, A G Dunn, Talamanca, Kingston
5 bgs, Gale T German, Musa, Port Antonio
150 bgs, Mincing Trading Co, Musa, Port Antonio
PIMENTO BRAN—10 cs, Schieffelin & Co, Talamanca, Kingston
PITCH, STEARIN—24 bbls, Independence Hall, Dunkirk
201 dms, A V Berner & Co, Kyno, Hull
PLASTER—80 bgs, E H Coursens, Kyno, Hull
POPPYSEED—100 bgs, 11,000 lbs, American Bluefriesveen Co, Nieuw Amsterdam, Rotterdam
400 bgs, 44,000 lbs, Levy & Levis Co, Nieuw Amsterdam, Rotterdam
300 bgs, 33,000 lbs, Nieuw Amsterdam, Rotterdam
1 bg, American Express Co, Nieuw Amsterdam, Rotterdam
199 bgs, 21,890 lbs, C M Van Sillevoldt, Nieuw Amsterdam, Rotterdam
350 bgs, 38,500 lbs, Catz American Co, Robert Maersk, Rotterdam
300 bgs, 33,000 lbs, N S Cramer & Co, Batory, Gdynia
POTASH, ALUM—133 cks, 60,568 lbs, Philip A Hunt & Co, Robert Maersk, Rotterdam
CAUSTIC—60 dms, 11,400 lbs, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—1,000 dms, 239,800 lbs, Uniform Chem Prod Co, Baghdad, Hamburg
50 cks, 6,182 lbs, Bergstrom Trading Co, Black Eagle, Rotterdam
350 dms, 42,504 lbs, C Hardy, Black Eagle, Antwerp
CYANIDE—37 bbls, 4,525 lbs, J Murphy & Co, Black Eagle, Antwerp
MURIATE—228,000 kilos, N V Potash Export My, Baghdad, Hamburg
PRUSSIATE—20 cks, Nieuw Amsterdam, Rotterdam
SULPHATE—400 bgs, N V Potash Export My, Baghdad, Hamburg
PYRETHRUM FLOWERS—125 bls, W T Rawleigh Co, Nozima, Kobe
125 bls, S B Penick & Co, Yamazuki, Otaru
QUASSIA CHIPS—575 bgs, Quirigua, Kingston
RAPESEED—375 bgs, Knickerbocker Mills Co, Nozima, Osaka
133 bgs, Norton Lilly & Co, City of Eastbourne, Calcutta
50 bgs, Nieuw Amsterdam, Rotterdam
150 bgs, A G Dunn, Robert Maersk, Rotterdam
750 bgs, A G Dunn, Black Eagle, Rotterdam
RESIN—30 cs, Astoria Import & Mfg Co, Bonheur, Iquitos
100 cs, Santo Domingo & Co, Bonheur, Iquitos
ROOT, MEDICINAL—23 bls, 3,520 lbs, Hansa, Hamburg
1 cs, A G Riveros, Bonheur, Para
69 bls, Ingria, Marseilles
20 bls, 2,200 lbs, R J Prentiss & Co, Black Eagle, Antwerp
RUBBER, SYN—3 pkgs, Advance Solvents & Chem Co, Nieuw Amsterdam, Rotterdam
SAGO FLOUR—1,600 bgs, W R Grace & Co, Foylebank, Singapore
725 bgs, Stein, Hall & Co, Penrith Castle, Singapore
739 bgs, Penrith Castle, Singapore
SALT—18,334 bus, Andrew Speiman, Fieldwood, Turks Island
SALTPETER—585,100 kilos, Baghdad, Hamburg
SARSAPARILLA ROOT—2 bls, S B Penick & Co, Talamanca, Kingston
SAWDUST—599 bgs, State Chem Co, Nieuw Amsterdam, Rotterdam
SENNA LEAVES—200 bls, S B Penick & Co, City of Eastbourne, Colombo
45 bls, City of Eastbourne, Colombo
PODS—10 bls, City of Eastbourne, Colombo
SESAME SEED—84 bgs, S K Adams, Kansai, Tientsin
SHELLAC—10 bgs, 10 cs, A Hurst & Co, Hansa, Hamburg
SEEDLAC—150 bgs, Mantrose Corp, City of Eastbourne, Calcutta
200 bgs, City of Eastbourne, Calcutta
SOAP, SADDLE—1 cs, M Harrison & Co, Britannic, London
3 cs, Meadows, Wye & Co, Britannic, London
6 cs, Franconia, Liverpool
TOILET—4 cs, Globe Shipping Co, President Harding, London
4 cs, Saks & Co, Britannic, Southampton
SODA, CARBONATE MONOHYDRATE — 10 dms, Philipp Bros, American Importer, Liverpool
134 dms, Titan Shipping Co, American Importer, Liverpool
CYANIDE—250 cks, 480 bbls, Charles Hardy, Champlain, Havre
HYDROSULPHITE—40 dms, Hansa, Hamburg
PRUSSIATE—203 kgs, H H Rosenthal Co, Kansai, Osaka
203 cs, Philip Bauer Co, Kansai, Yokohama
SULPHATE—428 bgs, W R Grace & Co, Santa Barbara, Antofagasta
SULPHIDE—5 dms, Eimer & Amend, Hansa, Hamburg
URANATE YELLOW—50 dms, Central Trading Corp, Koenigstein, Antwerp
50 dms, Central Trading Corp, Westernland, Antwerp
SOLVENTS—1 cs, Van Amerigen-Haebler, Nieuw Amsterdam, Rotterdam
738 dms, C P Chemical Solvents, Rosario, Ponce
SOYBEAN RESIDUE—4 dms, 2,789 lbs, Hansa, Hamburg
SPONGES—4 bls, American Sponge & Chamois Co, Oriente, Havana
22 bls, Orizaba, Havana
3 bls, Munargo, Nassau
REFUSE—3 bls, Orizaba, Havana
2 bls, Munargo, Nassau
10 bls, American Sponge & Chamois Co, Munargo, Nassau
SQUILL, RED—56 bgs, J L Hopkins & Co, Exeter, Marseilles
STARCH, POTATO—50 bgs, L A Salomon & Bros, Nieuw Amsterdam, Rotterdam
200 bgs, Morningstar-Nicol, Nieuw Amsterdam, Rotterdam
250 bgs, Stein, Hall & Co, Black Eagle, Rotterdam
RICE—25 bbls, Koenigstein, Antwerp
50 cs, 6,600 lbs, Orbis Product Corp, Black Eagle, Antwerp
STEARYLAMIN—2 cks, General Aniline Works, Black Eagle, Rotterdam
TALC—350 bgs, 77,000 lbs, Whittaker, Clark & Daniels, Independence Hall, Havre
72 cs, W A Foster & Co, Yamazuki, Kobe
TANNING EXTRACT—100 cs, 36,190 lbs, Franklin Import & Export Co, Robert Maersk, Antwerp
TAPIOCA, FLAKE—166 bgs, Stein, Hall & Co, Brastagi, Sourabaya
FLOUR—1,654 bgs, National Adhesive Corp, Foylebank, Pasoeroean
1,120 bgs, Seligman & Co, Foylebank, Pasoeroean
500 bgs, Central Hanover Bank, Foylebank, Cheribon
1,493 bgs, Stein, Hall & Co, Foylebank, Cheribon
1,933 bgs, Stein, Hall & Co, Foylebank, Batavia
225 bgs, Central Hanover Bank, Foylebank, Batavia
250 bgs, Bank of New York, Foylebank, Batavia
999 bgs, Bank of New York, Foylebank, Sourabaya
560 bgs, Seligman & Co, Penrith Castle, Pasoeroean
210 bgs, Seligman & Co, Penrith Castle, Sourabaya
50 bgs, Penrith Castle, Sourabaya
TAPIOCA FLOUR—504 bgs, Stein, Hall & Co, Penrith Castle, Chirebon
240 bgs, American Cyanamid & Chem Co, Penrith Castle, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Penrith Castle, Pamanoekan
250 bgs, Chase National Bank, Penrith Castle, Batavia
245 bgs, American Cyanamid & Chem Co, Hopepeak, Cheribon
1,107 bgs, Stein, Hall & Co, Hopepeak, Cheribon
2,048 bgs, Balfour, Guthrie & Co, Hopepeak, Pamanoekan
152 bgs, Stein, Hall & Co, Hopepeak, Batavia
250 bgs, Simaloer, Cheribon
233 bgs, Central Hanover Bank, Simaloer, Cheribon
499 bgs, American Cyanamid & Chem Co, Simaloer, Cheribon
267 bgs, Manufacturers Trust Co, Simaloer, Cheribon
1,099 bgs, Stein, Hall & Co, Simaloer, Cheribon
4,475 bgs, Balfour, Guthrie & Co, Simaloer, Pamanoekan
400 bgs, National Adhesive Corp, Simaloer, Batavia
250 bgs, American Cyanamid & Chem Co, Simaloer, Batavia
250 bgs, Central Hanover Bank, Simaloer, Batavia
250 bgs, Bank of Manhattan, Simaloer, Tegal
1,831 bgs, Stein, Hall & Co, Brastagi, Sourabaya
1,265 bgs, National Adhesive Corp, Brastagi, Cheribon
760 bgs, Chase National Bank, Brastagi, Cheribon
1,622 bgs, Stein, Hall & Co, Brastagi, Cheribon
1,020 bgs, H P Winter & Co, Brastagi, Batavia
489 bgs, Java American Export Co, Brastagi, Cheribon
560 bgs, Chase National Bank, Malayan Prince, Sourabaya
PEARL—50 bgs, Catz American Co, Sinaloer, Cheribon
216 bgs, Catz American Co, Malayan Prince, Cheribon
SEED—25 bgs, Catz American Co, Sinaloer, Cheribon
157 bgs, Stein, Hall & Co, Brastage, Sourabaya
54 bgs, Catz American Co, Malayan Prince, Cheribon
SIFTING—25 bgs, Catz American Co, Sinaloer, Batavia
TARTAR—2,847 bgs, Charles Pfizer & Co, Ingria, Marseilles
TEAWASTE—1,683 bgs, Citro Chem Co, City of Eastbourne, Calcutta
THYME LEAVES—100 bls, W T Rawleigh Co, Ingria, Marseilles
TIMBO ROOT, POWD—205 bgs, Bonheur, Para
TONKA BEANS—238 bbls, Irving Trust Co, Bonheur, Para
17 cs, 56 bbls, Bonheur, Para
TUBA ROOT—96 bls, S B Penick & Co, Foylebank, Singapore
100 bls, Foylebank, Singapore
UREA—500 bgs, 51,100 lbs, Synthetic Nitrogen Prod Corp, Black Eagle, Rotterdam
VANILLA BEANS—91 cs, French Line, City of Eastbourne, Port Said
25 cs, Guaranty Trust Co, Champlain, Havre
22 cs, Champlain, Havre
6 cs, Thurston & Braidich, Brastagi, Batavia
5 cs, W J Bush & Co, Brastagi, Batavia
WATER, MINERAL — 283 cs, American Agency French Vichy, Champlain, Havre
900 cs, E & J Burke, Ingria, Marseilles
WAX—5 cs, Bremen, Bremen
BEES—26 bgs, Schutte & Focke, Borinquen, Trujillo
25 bgs, Carr Bros, Borinquen, Trujillo
3 bgs, Astrea, Jeremie
82 bgs, Blanca Commi Italian, Pocone, Rio Janeiro
48 bgs, Pocone, Rio Janeiro
3 seroons, Porcella, Vicini & Co, Almena, Trujillo
16 seroons, Porcella, Vicini & Co, Almena, Porto Plata
CARNAUBA—56 bgs, W M Allison & Co, Laplace, Ceara
154 bgs, Smith & Nichols, Pocone, Rio de Janeiro
255 bgs, Smith & Nichols, Pocone, Bahia
MINERAL—2 bgs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
MONTAN—24 bgs, General Dyestuff Corp, Columbus, Bremen
1,125 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE—15 cs, 1,896 lbs, Independence Hall, Havre
60 bgs, 6,732 lbs, Heemsoth Kerner Corp, Hansa, Hamburg
REFINED—1,694 bgs, Standard Oil Co of N J, Penrith Castle, Palembang
1,694 bgs, Standard Oil Co of N J, Simaloe, Palembang
SPERMACETTI—200 cs, Tuscania, Glasgow
VEGETABLE—100 cs, H H Rosenthal Co, Kansai, Mozi
26 cs, Okura & Co, Kansai, Mozi
WOLFRAM ORE—146 bgs, W R Grace & Co, Santa Barbara, Mollendo
YEAST—175 bbls, Hansa, Hamburg
90 bbls, Vulkan Yeast Co, Hansa, Hamburg
ZINC OXIDE—50 bbls, Innis, Speiden & Co, Westernland, Antwerp

New York Transit Imports

CAMPHOR, CRUDE—500 cs, Mitsui & Co, Nozima, Keelung, Rochester
REFINED — 200 cs, McKesson & Robbins, Kansai, Kobe, Bridgeport
ERGOT—40 cs, 5,889 lbs, Eli Lilly & Co, Black Eagle, Antwerp, Indianapolis
FLAXSEED—4,000 tons, 160,000 bus, Laplace, Rosario, Montreal
GLASS, WINDOW—25 cs, Eastman Kodak Co, Black Eagle, Antwerp, Rochester
MENTHOL—25 cs, McKesson & Robbins, Kansai, Kobe, Bridgeport
OIL, CHINAWOOD—485 tons, W G Smith Co, Foylebank, Hongkong, Cleveland
219 tons, Spencer, Kellogg & Sons, Malayan Prince, Hongkong, Buffalo
FISH LIVER, REFD—5 dms, Gelatin Products Co, Britannic, London, Detroit
PYRETHRUM FLOWERS—75 bls, McKesson & Robbins, Kansai, Kobe, Bridgeport
SODA, SILICATE — 10 dms, 6,166 lbs, Akis Chem Corp, Robert Maersk, Antwerp, Passaic
SPONGES—11 bls, Oriente, Havana, London
77 bls, Orizaba, Havana, Paris
37 bls, Munargo, Nassau, London
REFUSE—3 bls, Oriente, Havana, London
104 bls, Munargo, Nassau, London
20 bls, Munargo, Nassau, Rotterdam
VANILLA BEANS—8 cs, Zink & Triest, Foylebank, Batavia, Philadelphia

Baltimore Imports

ANTIMONY OXIDE—500 bgs, Black Osprey, Antwerp
BONE PHOSPHATE—100 bgs, Black Osprey, Antwerp
BONE MEAL—3,305 bgs, Algic, Buenos Aires
547 bgs, Ida, Trieste
CHEMICALS—600 bgs, Cold Harbor, Glasgow
40 bgs, 20 csks, Black Osprey, Rotterdam
125 dms, 20 csks, Black Osprey, Antwerp
100 csks, Tiradentes, Rotterdam
CLAY—40 csks, Tiradentes, Rotterdam
GOAT MANURE—580 tons, Rikke, San Domingo
FERROMANGANESE—174 tons, Wm H Muller Co, Tiradentes, Rotterdam
IRON ORE—10,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
OXIDE—34 csks, Black Osprey, Antwerp
MAGNESITE—12,926 bgs, General Refractories Co, Barbarigo, Trieste
MANGANESE ORE—7,025 tons, Houston City, Poti
6,000 tons, Coulmore, Santiago
MEDICINAL PREPS—25 cs, Tiradentes, Rotterdam
MOLASSES—14,295,365 lbs, Cuba Distilling Co, Carrabulle, Barahona
2,713,799 lbs, Cuba Distilling Co, Carrabulle, Macoris
OIL, FUEL—45,000 bbls, Standard Oil Co, N J, D L Harper, Aruba
PEATMOSS—1,140 bls, Tiradentes, Rotterdam
PETROLEUM, CRUDE—67,292 bbls, Pan American Ref. Corp, D L Harper, Las Piedras
QUEBRACHO EXTRACT—26,451 bgs, Algic, Buenos Aires
SARDINE MEAL—8,000 bgs, Komaki, Kobe
TANKAGE—1,016 bgs, Algic, Santos
WOOL GREASE—10 bbls, Cold Harbor, Liverpool
ZINC CONCENTRATES—3,900 tons, Cerro Pasco Copper Corp, Lara, Callao

Bellingham Imports

POTASH MURIATE—1,600 sks, Wilson & George Meyer & Co, Este, Hamburg
SULPHATE—400 sks, Wilson & George Meyer & Co, Este, Hamburg

Boston Imports

ACID, CORN OIL—5 bbls, 2,317 lbs, Black Heron, Antwerp
CRESYLIC—20 dms, 4 tons, 10 cwt, 2 qtrs, 27 lbs, Philipp Bros, Laconia, Liverpool
25 dms, 5 tons, 5 cwt, 15 lbs, Laconia, Liverpool
PEANUT OIL—83 dms, 37,747 lbs, I M Sobin Co, Black Tern, Rotterdam
TARTARIC—100 cks, 12,125 lbs, Barbarigo, Genoa
ANHYDRITE, CRUSHED—45 bgs, Rumford Chemical Works, Newfoundland, Halifax
BARYTES—240 bgs, 26,455 lbs, Stanley Doggett, Barbarigo, Genoa
BONE MEAL—500 bgs, Barbarigo, Trieste
BRISTLES—18 cs, Stone & Downer, Tai Yang, Shanghai
CARAWAY SEED—25 bgs, 109 lbs, D & L Slade, Binnendijk, Rotterdam
75 bgs, 8,267 lbs, Boston Brokerage Co, Black Tern, Rotterdam
50 bgs, 5,511 lbs, Black Tern, Rotterdam
CHEMICALS—20 cks, 12,037 lbs, Irving M Sobin Co, Kellerwald, Hamburg
500 bgs, 110,230 lbs, Stone & Downer Co, Kellerwald, Hamburg
30 dms, 13,228 lbs, Chemical Marketing Co, Kellerwald, Hamburg
333 bgs, 50,702 lbs, Kellerwald, Bremen
1 bx, American Express Co, American Importer, Liverpool
200 bgs, 100 dmjns, 35,913 lbs, Black Tern, Rotterdam
50 cks, 6,504 lbs, American Cyanamid & Chemical Co, Black Tern, Rotterdam
100 dms, 12,082 lbs, Black Tern, Antwerp
20 bbls, 9,700 lbs, Philipp Bros, Black Tern, Antwerp
700 bgs, 145,129 lbs, Black Tern, Antwerp
25 dms, Tiradentes, Rotterdam
500 bgs, 101,037 lbs, Black Heron, Antwerp
25 bbls, 50 bgs, 23,115 lbs, Industrial Sales Corp, Black Heron, Antwerp
25 dms, Binnendijk, Rotterdam
12 cks, Innis, Speiden & Co, Binnendijk, Rotterdam
COCOA BEANS—1,509 bgs, 222,720 lbs, W & A Leaman, Black Heron, Rotterdam
500 bgs, 79,941 lbs, Black Tern, Rotterdam
COCONUTS—50 bgs, Barclay's Bank, Lady Drake, St Lucia
COCONUT, DESIC—100 cs, Kinai, Davao
400 cs, Balfour, Guthrie & Co, Tai Yang, Manila
CODLIVER MEAL—1,222 hlf bgs, 121,253 lbs, Lundt & Co, Black Tern, Antwerp
560 hlf bgs, 55,999 lbs, Wessel, Duval & Co, Black Heron, Antwerp
CODLIVER OIL PRESSINGS—7 bbls, from Newfoundland
DEXTRIN, FARINOL—10 dbl bgs, 10 cwt, Borden & Remington Co, Laconia, Liverpool
POTATO—100 bgs, 22,046 lbs, Stein, Hall & Co, Black Tern, Rotterdam
EARTH, RED—100 bgs, 5 csks, Stanley Doggett, Tiradentes, Rotterdam
EELGRASS—137 bbls, Samuel Cabot, Evangeline, Yarmouth
FAT—2 cs, J R Short Milling Co, Laconia, Liverpool
FISH LIVERS—517 tins, Atlantic Coast Fisheries, Tai Yang, Yokohama
42 cans, from Nova Scotia
6 cans, T D Downing Co, Newfoundland, Halifax
163 crtns, General Seafoods Corp, Newfoundland, Halifax
1 cs, H M Crocker, Evangeline, Yarmouth
2 cs, H M Crocker, Evangeline, Yarmouth
5 cs, from Nova Scotia
GALLNUTS—187 bgs, Tai Yang, Hongkong
GAMBIER—122 cs, Littlejohn & Co, Malayan Prince, Singapore
BLOCK—109 cs, Chase National Bank, Malayan Prince, Singapore
CUBE—70 bgs, Littlejohn & Co, Malayan Prince, Singapore
70 bgs, Malayan Prince, Singapore
GELATIN—25 bgs, 9,557 lbs, Rob D McClellan, Black Tern, Rotterdam
45 bgs, Rob D McClellan, Tiradentes, Rotterdam
95 bgs, Rob D McClellan, Binnendijk, Rotterdam
GENTIAN ROOT—45 bls, 9,089 lbs, Exeter, Marseilles
GLASS, PLATE—10 cs, 35,075 lbs, Jacob Rubin & Sons, Black Heron, Antwerp
SHEET—634 cs, 44,281 lbs, Black Heron, Antwerp
WINDOW—2,336 cs, 179,891 lbs, Boston Supply Co, Black Heron, Antwerp

CLEANING MILLING
GUMS, DRUGS, FOOD PRODUCTS
To
Your Specification
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN
St. Francis, Komorn and M...
Est. 1854 NEWA...

Shipping Information

All matter under this heading fully protected by copyright

Imports at U.S. Ports

New York Imports

ACID, COALTAR—16 dms, 3 tons, 19 cwts, 2 qtrs, Merck & Co, Kyno, Hull
CRESYLIC—50 dms, W E Jordan & Bros, American Importer, Liverpool
60 dms, W A Foster & Co, Franconia, Liverpool
96 dms, 22 tons, 14 cwts, 2 qtrs, 27 lbs, Merck & Co, Kyno, Hull
NAPHTHENIC—2,000 bbls, Standard Oil Co of N J, Standard, Aruba
AGAR AGAR—15 bls, T M Duche & Sons, Nozima, Yokohama
ALBUMEN EGG, HEN—34 cs, Paul A Dunkel & Co, Nozima, Tientsin
10 cs, Nozima, Tientsin
22 cs, Paul A Dunkel & Co, Kansai, Tientsin
22 cs, H Baron & Co, Kansai, Tientsin
28 cs, Consumers Import Co, Kansai, Tientsin
22 cs, Bridges, Neumer & Co, Kansai, Tientsin
ALCOHOL, DENATURED—1,099 dms, P R Alcohol Co, Rosario, San Juan
300 dms, C P Chemical Solvents, Rosario, Ponce
ALMOND MEAL—1 cs, Ungerer & Co, Britannic, London
ALUMINUM LEAF—48 cs, F P Gaskell Co, Columbus, Bremen
POWDER—6 cs, 1,852 lbs, Heemsoth, Kerner Co, Hansa, Hamburg
SULPHATE—1 cs, American Metal Co, Santa Barbara, Antofagasta
ANISE—60 bgs, Ingria, Marseilles
ARTIST'S MATERIAL—8 cs, Gallagher & Ascher, Nieuw Amsterdam, Rotterdam
7 cs, Winsor & Newton, Britannic, London
ASPHALT, MINERAL—325 bgs, Central Commercial Co, Seatrain New York, Havana
BABASSU KERNELS—10,499 bgs, General Food Corp, Bonheur, Maranhao
BARIUM CHLORATE—30 bbls, 3,720 lbs, International Selling Corp, Independence Hall, Havre
BENZIN—10 bbls, M W Kellogg & Co, Robert Maersk, London
BILBERRIES—60 bgs, 6,600 lbs, S B Penick & Co, St Louis, Hamburg
BLACK, CARBON—1 cs, Goodyear Tire & Rubber Export Co, Malayan Prince, Cheribon
BLEACHING POWDER—1 cs, Brand Bros, Hansa, Hamburg
305 dms, H H Rosenthal Co, Kansai, Yokohama
BONES—2 cars, Geck Trading Co, Seatrain New York, Havana
BRISTLES—66 cs, National City Bank, Nozima, Dairen
55 cs, Corn Exchange Bank, Nozima, Tientsin
100 cs, Corn Exchange Bank, Nozima, Dairen
178 cs, H Rosenhirsch Co, Kansai, Tientsin
138 cs, N Wagman, Kansai, Tientsin
135 cs, B C Ritchie & Co, Kansai, Tientsin
107 cs, S Hirshenhorn & Son, Kansai, Tientsin
82 cs, J H Schroeder Banking Corp, Kansai, Tientsin
100 cs, Goldman, Sachs & Co, Kansai, Tientsin
30 cs, National City Bank, Kansai, Tientsin
152 cs, Bank of Manhattan, Kansai, Tientsin
55 cs, Kansai, Tientsin
BRONZE LEAF—1 cs, M J Corbett & Co, Columbus, Bremen
POWDER—20 dms, T D Downing & Co, St Louis, Hamburg
CACTUS—10 bxs, S B Penick & Co, Talamanca, Kingston
CADMIUM SULPHIDE—1 kg, Merchants Chem Co, City of Eastbourne, Calcutta
CALCIUM, METALLIC—2 cs, Charles Hardy, Independence Hall, Havre
24 cs, Charles Hardy, Ingria, Marseilles
CANARY SEED—180 bgs, Ingria, Casablanca
CARAWAY SEED—50 bgs, 5,500 lbs, Habicht-Braun Co, Nieuw Amsterdam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Nieuw Amsterdam, Rotterdam
100 bgs, 11,000 lbs, C M Van Sillevoldt, Nieuw Amsterdam, Rotterdam
150 bgs, 16,500 lbs, Catz American Co, Robert Maersk, Rotterdam
100 bgs, 11,000 lbs, American Bluefriesveen Co, Black Eagle, Rotterdam
CARDAMOM—85 tins, P H Petry & Co, Pastores, Porto Barrios
6 cs, City of Eastbourne, Colombo
CASEIN—200 bgs, A Hurst & Co, Champlain, Havre
CASSIA—275 bls, B H Old & Co, Simaloer, Padang
VERA—139 pkgs, J F Frank, Foylebank, Padang
CASTOR SEED—15,956 bgs, Laplace, Ceara
5,550 bgs, Spencer Kellogg & Sons, Pocone, Santos
1,138 bgs, Pocone, Rio de Janeiro
CELERY SEED—90 bgs, City of Eastbourne, Colombo
10 bgs, Knickerbocker Mills Co, Ingria, Marseilles
CHALK, BLOCK—500,000 kilos, Taintor Trading Co, Independence Hall, Dunkirk
COMMON—1,599 bgs, R L Watkins Co, Britannic, London
PRECIPITATED — 200 bgs, H J Baker & Bros, Franconia, Liverpool
1,500 bgs, 76 tons, 13 cwt, 2 qtrs, Colgate-Palmolive-Peet Co, Kyno, Hull
CHEMICALS—31 cs, 3 bbls, Universal Carloading & Distr Co, Drottninghoim, Gothenburg
5 cs, Bergstrom Trading Co, Drottninghoim, Gothenburg
614 bgs, 250 cks, Columbus, Bremen
3 cs, 1 ck, 1 crby, Pfaltz & Bauer, Columbus, Bremen
1 cs, General Dyestuff Corp, Columbus, Bremen
200 bgs, 11,000 lbs, C B Chrystal & Co, Hansa, Hamburg
5 cs, 739 lbs, Pfaltz & Bauer, Hansa, Hamburg
4 cs, Desitin Chem Co, Hansa, Hamburg
10 bbls, 5,214 lbs, Hansa, Hamburg
75 cs, 30 crbys, Hansa, Hamburg
32 bbls, 12,172 lbs, National City Bank, Hansa, Hamburg
35 cs, 3,491 lbs, Schimmel & Co, Hansa, Hamburg
50 bbls, 11,853 lbs, E I du Pont de Nemours Co, Hansa, Hamburg
3 cs, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
1 cs, Elmer & Amend, Hansa, Hamburg
5 cks, 20 bgs, Jungmann & Co, Hansa, Hamburg
CHEMICALS—40 cks, Robinson-Wagner Co, Hansa, Hamburg
3 cs, Gane & Ingram, Hansa, Hamburg
1 cs, Merrit Engineering & Sales Co, Hansa, Hamburg
10 dms, 10 cs, Michel Export Co, Nieuw Amsterdam, Rotterdam
3 cks, 8 cs, Advance Solvents & Chem Co, Nieuw Amsterdam, Rotterdam
35 cs, Th Goldschmidt Corp, Nieuw Amsterdam, Rotterdam
1 cs, Merck & Co, Britannic, London
4 kgs, Carbic Color & Chem Co, Normandie, Havre
6 cs, Lo Curto & Funk, Normandie, Havre
2 cs, Riedel de Haen, St Louis, Hamburg
4 cks, Rohner-Gehrig Co, St Louis, Hamburg
8 cks, St Louis, Hamburg
45 cs, General Aniline Works, Black Eagle, Rotterdam
70 dms, 4 bots, 1 ck, 1 cs, Advance Solvents & Chem Co, Black Eagle, Rotterdam
100 cks, American Cyanamid & Chem Co, Black Eagle, Rotterdam
115 dms, Industrial Sales Corp, Black Eagle, Antwerp
18 cks, General Aniline Works, Hansa, Hamburg
26 bldg, Geigy Co, Normandie, Havre
CHINA CLAY—25 kegs, E Fougera & Co, Britannic, London
CHROME ORE—4,000 tons, E J Lavino & Co, Robin Goodfellow, Beira
CINCHONA PRODUCTS—100 dms, R W Greeff & Co, Nieuw Amsterdam, Rotterdam
CLAY—107 bgs, Garfield Williamson, Robert Maersk, London
COALTAR DERIVATIVES—6 cks, General Aniline Works, Hansa, Hamburg
34 cks, General Aniline Works, Nieuw Amsterdam, Rotterdam
INTERMEDIATES—7 cks, General Dyestuff Corp, Columbus, Bremen
3 cs, 5 cks, General Dyestuff Corp, Hansa, Hamburg
14 dms, General Aniline Works, Nieuw Amsterdam, Rotterdam
52 cks, 70 dms, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
4 cks, 1 dm, Sandoz Chemical Works, Bremen, Bremen
6 cks, 4 cs, General Dyestuff Corp, Bremen, Bremen
54 dms, General Aniline Works, Black Eagle, Rotterdam
COBALT METAL—30 cs, Westernland, Antwerp
COCOA BEANS—1,052 bgs, Tropic Food, Talamanca, Cristobal
750 bgs, Bonheur, Para
500 bgs, W R Grace & Co, Santa Barbara, Guayaquil
250 bgs, Santa Barbara, Guayaquil
21 bgs, Mecke & Co, Astrea, Maracaibo
98 bgs, Schutte & Focke, Astrea, Jeremie
20 bgs, Struller & Wood, Astrea, Jeremie
44 bgs, Astrea, Jeremie
300 bgs, Machado & Co, Santa Elena, La Guaira
500 bgs, Simaloer, Samarang
8,600 bgs, W Bartholomew & Co, Pocone, Bahia
9,000 bgs, Pocone, Bahia
1,016 bgs, Gillespie & Co, Almena, Trujillo
500 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
39 bgs, Gillespie & Co, Almena, Sanchez
COCONUTS—650 half bgs, I L Toledano Corp, Talamanca, Kingston
65 bgs, 6,500 lbs, H L Daurnheim, Borinquen, San Juan
30 bgs, 3,000 lbs, Simon French Co, Borinquen, San Juan
750 bgs, 75,000 lbs, I L Toledano Corp, Cristobal, Cristobal
4 bgs, Falzarano Bros, Almena, Porto Plata
20 bgs, 2,000 lbs, Solaris Brands, Musa, Port Antonio
766 bgs, 76,600 lbs, Universal Import & Export Co, Musa, Port Antonio
4,037 bgs, 403,700 lbs, General Food Corp, Musa, Port Antonio
200 bgs, 20,000 lbs, J A Manton, Quirigua, Kingston
900 bgs, 90,000 lbs, Quirigua, Kingston
45 bgs, 4,500 lbs, Universal Import & Export Co, Rosario, San Juan
42 bgs, 4,200 lbs, N M Church, Rosario, San Juan
150 bgs, 15,000 lbs, General Food Corp, Rosario, San Juan
169 bgs, 16,900 lbs, Rosario, San Juan
COCONUT, DESIC—600 cs, Wilbur Ellis Co, Penrith Castle, Davao
269 cs, Balfour, Guthrie & Co, Yamazuki, Manila
COLORS—20 cks, Kentler Bros, Koenigstein, Antwerp
65 cks, Columbus, Bremen
1 bbl, C Happel, Hansa, Hamburg
100 cs, American Dyewood Co, Champlain, Havre
1 cs, General Aniline Works, Nieuw Amsterdam, Rotterdam
2 cs, B F Drakenfeld & Co, American Importer, Liverpool
EARTH—86 cks, Calco Chem Co, Columbus, Bremen
53 cks, Reichard Coulston, Nieuw Amsterdam, Rotterdam
PIGMENT—15 jugs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
PRINTING—4 dms, 9 cs, Chase National Bank, Hansa, Hamburg
4 cans, General Dyestuff Corp, Bremen, Bremen
COPAIBA BALSAM—10 dms, G Uhe & Co, Bonheur, Itacoatiara
COPPERAS, GREEN—200 kgs, 21 tons, 4 cwt, 2 qtrs 16 lbs, Robinson-Wagner Co, Kyno, Newcastle-on-Tyne
COPPER RESIDUE ASHES—452 bgs, 53 tons, 13 cwt, 10 lbs, Kyno, Newcastle-on-Tyne
CORIANDER SEED—300 bgs, Ingria, Casablanca
1,126 bgs, President Harding, Hamburg
CORK—73 bls Wicander & Co, Ingria, Bone
5 bgs, Mundet Cork Co, Ingria, Lisbon
VIRGIN—861 bls, Mundet Cork Corp, Monbaldo, Lisbon
WASTE—20,822 bls, Mundet Cork Corp, Monbaldo, Lisbon
6,486 bls, Ingria, Bone
WOOD—374 bls, Mundet Cork Corp, Monbaldo, Lisbon
271 bls, H Suhl, Ingria, Bone
145 bls, Pablo, Calvet & Co, Ingria, Lisbon
115 bls, Chase National Bank, Ingria, Lisbon
140 bls, Ingria, Lisbon
COTTONSEED OIL STEARIN—11 dms, Bonheur, Santos
CRESOL—13 kgs, Monsanto Chem Co, Franconia, Liverpool
CRYOLITE—1 cs, General Electric Co, Baghdad, Hamburg
CUBEBS—20 bgs, Foylebank, Singapore
CUBE ROOT—220 bls, Astoria Import Mfg Co, Bonheur, Iquitos
275 bls, Wessel, Duval & Co, Bonheur, Iquitos
118 bls, Bonheur, Iquitos
380 bls, F Brunschwig & Co, Bonheur, Iquitos
CUMIN SEED—188 bgs, Ingria, Marseilles
CUTCH—1,150 bgs, Sig Saxe, Brastagi, Sandakan
CYANIDE PRECIP—24 cs, South American Development Co, Santa Barbara, Guayaquil
DERRIS ROOT—2 bls, Bank of New York, Foylebank, Singapore
50 bls, S B Penick & Co, Foylebank, Singapore
48 bls, Bank of New York, Foylebank, Port Swettenham
50 bls, Bank of New York, Foylebank, Teluk Anson
DILLSEED—186 bgs, City of Eastbourne, Colombo
DIMETHYL SULPHATE—13 bbls, 7,167 lbs, Merck & Co, Independence Hall, Havre
DRUGS—11 cs, 2,972 lbs, Hansa, Hamburg
DYES, ALIZARIN—1 cs, 8 jugs, 8 dms, 30 cks, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
4 cks, General Dyestuff Corp, Bremen, Bremen
ANILIN—14 cks, 1 cs, General Dyestuff Corp, Columbus, Bremen
19 dms, Sandoz Chem Works, Hansa, Hamburg
6 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
2 cs, 12 dms, 154 cks, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
10 dms, L & R Organic Prod Co, Britannic, Southampton
9 bbls, 2 cs, Ciba Co, Normandie, Havre
32 kgs, 1 cs, Carbic Color & Chem Co, Normandie, Havre
14 dms, Sandoz Chem Works, Bremen, Bremen
14 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen
EGG YOLK, HEN—22 cs, Paul A Dunkel & Co, Nozima, Tientsin
21 cs, Nozima, Tientsin
69 cs, P A Dunkel & Co, Kansai, Tientsin
EPHEDRA—160 bls, National City Bank, Nozima, Tientsin
119 bls, Wah Chang Trading Corp, Nozima, Tientsin
ERGOT—40 cs, 5,878 lbs, S B Penick & Co, Black Eagle, Antwerp
FERROMANGANESE — 125 cks, President Harding, Havre
FERTILIZER—318 bgs, 69,960 lbs, Baghdad, Hamburg
FILTER COMPOUND—75 bls, Mager Bros, Hansa, Hamburg
30 bls, G Segal Co, St Louis, Hamburg
22 bls, Aug Giese & Son, St Louis, Hamburg
PAPER—9 cs, H Reeve Angel & Co, Britannic, London
FLAXSEED—1,500 tons, 60,000 bus, Laplace, Buenos Aires
500 tons, 20,000 bus, Laplace, Rosario
FLEASEED—449 bgs, City of Eastbourne, Colombo
HUSK—28 bgs, City of Eastbourne, Colombo
FORMALDEHYDE HYDROSULPHITE — 15 bbls, President Harding, Havre
FUR, WASTE—51 bls, Hansa, Hamburg
GAMBIER—339 bgs, Foylebank, Singapore
140 bgs, Malayan Prince, Singapore
GELATIN—30 cs, Dingelstedt & Co, St Louis, Hamburg
2 cs, H W Robinson & Co, Koenigstein, Antwerp
2 pkgs, Paul Puttmann, Hansa, Hamburg
29 cs, L A Consmiller, Nieuw Amsterdam, Rotterdam
25 bls, C B Hewitt & Bro, Robert Maersk, Antwerp
POWDERED—56 bbls, International Selling Corp, Koenigstein, Antwerp
107 cs, 9 pkgs, International Selling Corp, Westernland, Antwerp
1,298 bgs, Westernland, Antwerp
SHEET—10 cs, C B Hewett & Bro, Koenigstein, Antwerp
100 bgs, Ingria, Marseilles
GINGER ROOT—40 bgs, B H Old & Co, Talamanca, Kingston
57 bgs, S B Penick & Co, Talamanca, Kingston
100 bgs, Gillespie & Co, Quirigua, Kingston
GLASS, PLATE—19 cs, Hansa, Hamburg
12 cs, L Solomon & Son, Black Eagle, Antwerp
WINDOW—1,200 cs, Koenigstein, Antwerp
33 cs, W J Byrnes & Co, Hansa, Hamburg
15 cs, Vitrea Co, President Harding, Hamburg
GLUE—1 cs, J F Kilroy Co, Britannic, Southampton
MARINE, BLACK—90 kgs, Selby, Battersby & Co, American Importer, Liverpool
GLYCERIN—20 dms, Ingria, Marseilles
49 dms, Franconia, Liverpool
1 car, Procter & Gamble Co, Seatrain New York, Havana
1 car, Colgate, Palmolive, Peet Co, Seatrain New York, Havana
26 dms, C J Schelling, Seatrain New York, Havana
GOLD OF PLEASURE SEED—60 bgs, 13,200 lbs, Hansa, Hamburg
GREASE, SEWAGE—50 dms, Franconia, Liverpool
WOOL—50 dms, 23,898 lbs, Continental Bank & Trust Co, Independence Hall, Dunkirk
29 dms, N J Malmstrom & Co, Franconia, Liverpool
GUARANA ROLLS—2 cs, J L Hopkins & Co, Bonheur, Manaos
GUM—20 bgs, Peek & Velsor, City of Eastbourne, Aden
199 bgs, Nieuw Amsterdam, Rotterdam
ARABIC—1 bg, Frank Vliet Co, Koenigstein, Antwerp
250 bgs, Barclay Bank, City of Eastbourne, Port Sudan
COPAL—400 bgs, Koenigstein, Antwerp
50 bgs, Gillespie, Rogers, Pyatt Co, Black Eagle, Antwerp
62 cs, 138 bgs, 78 baskets, O G Innes Corp, Brastagi, Batavia
94 baskets, Manufacturers Trust Co, Brastagi, Batavia
402 baskets, Brastagi, Batavia
44 baskets, Chase National Bank, Brastagi, Amboina
79 bgs, Stroock & Wittenberg, Malayan Prince, Manila
56 baskets, American Cyanamid & Chem Co, Malayan Prince, Kau
103 baskets, Van Norden & Archibald, Malayan Prince, Tomini Bay
34 baskets, Van Norden & Archibald, Malayan Prince, Macassar
69 baskets, France, Campbell & Darling, Malayan Prince, Macassar
128 baskets, American Cyanamid & Chem Co, Malayan Prince, Macassar
GUM, COPAL—381 baskets, O G Innes Corp, Malayan Prince, Macassar
292 baskets, T G Cooper & Co, Malayan Prince, Macassar
DAMMAR—50 cs, Manufacturers Trust Co, Malayan Prince, Singapore
50 cs, W H Scheel, Malayan Prince, Singapore
140 bgs, S Winterbourne & Co, Malayan Prince, Singapore
280 bgs, France, Campbell & Darling, Malayan Prince, Singapore
50 cs, Stroock & Wittenberg, Penrith Castle, Singapore
50 cs, 210 bgs, National City Bank, Penrith Castle, Singapore
210 bgs, W H Scheel, Penrith Castle, Singapore
50 cs, Penrith Castle, Singapore
200 cs, American Cyanamid & Chem Co, Hopepeak, Batavia
420 bgs, Chase National Bank, Hopepeak, Singapore
210 bgs, Hopepeak, Singapore
100 cs, O G Innes Corp, Simaloer, Singapore
100 cs, Stroock & Wittenberg, Simaloer, Batavia
100 cs, National City Bank, Brastagi, Batavia
300 cs, Thurston & Braidich, Brastagi, Batavia
50 cs, France, Campbell & Darling, Brastagi, Singapore
130 bgs, Van Norden & Archibald, Malayan Prince, Macassar
210 bgs, 25 cs, O G Innes Corp, Malayan Prince, Singapore
455 bgs, American Cyanamid & Chem Co, Malayan Prince, Singapore
50 cs, Stroock & Wittenberg, Malayan Prince, Singapore
25 cs, 560 bgs, G W S Patterson & Co, Malayan Prince, Singapore
ELEMI—129 cs, Gillespie, Rogers, Pyatt Co, Malayan Prince, Manila
GAMBOGE—3 cs, Malayan Prince, Singapore
KARAYA—271 bgs, City of Eastbourne, Bombay
106 bgs, Frank Vliet Co, City of Eastbourne, Bombay
KAURI—60 bgs, Stroock & Wittenberg, Canadian Constructor, Auckland
GYPSUM—2,220 tons, National Gypsum Co, Vaga, Dingwall
2,225 tons, National Gypsum Co, Sekstant, Dingwall
821 bgs, 47 tons, 17 cwt, 11 lbs, Whittaker, Clark & Daniels, Kyno, Hull
200 bgs, 10 tons, Hammill & Gillespie, Kyno, Hull
HERBS, MEDICINAL—55 bls, Ingria, Marseilles
25 bls, Ingria, Bone
33 bls, S B Penick & Co, President Harding, Hamburg
19 bls, New York Trust Co, President Harding, Hamburg
HOPS—5 bls, Lansen Naeve Corp, Hansa, Hamburg
20 bls, R F Downing & Co, Nieuw Amsterdam, Rotterdam
15 cyls, Nieuw Amsterdam, Rotterdam
30 bls, President Harding, Hamburg
IPECAC ROOT—21 bgs, Wessel, Duval & Co, Cristobal, Central American Ports
21 bgs, C E Griffin Co, Cristobal, Central American Ports
IRISH MOSS, POWD—10 bgs, Champlain, Havre
IRON ORE—65 dms, 8 cks, 190 bgs, Reichard-Coulston, American Importer, Liverpool
OXIDE—36 cks, J A McNulty, American Importer, Manchester
10 cks, J Osborn & Co, American Importer, Liverpool
30 cks, J Lee Smith Co, Kyno, Hull
SAND—200 bgs, Kyno, Hull
ISINGLASS—11 cs, C H Reisig, Britannic, London
LEAVES, MEDICINAL—32 bls, Ingria, Marseilles
MACE—48 cs, Van Loan & Co, Foylebank, Singapore
48 cs, J F Frank, Penrith Castle, Padang
16 cs, Simaloer, Padang
63 cs, Catz American Co, Brastagi, Batavia
48 cs, Brastagi, Batavia
17 cs, Brastagi, Dobo
MAGNESIA—13 bbls, Alpinol Corp, Conte di Savoia, Genoa
5 cs, Vincent Barletta, Conte di Savoia, Genoa
CALCINED—10 cs, Schofield-Donald Co, American Importer, Liverpool
CARBONATE—150 cs, 100 dms, Schofield-Donald Co, American Importer, Liverpool
HYDRATE — 20 cs, Schofield-Donald Co, American Importer, Liverpool
PHOSPHATE—1 ck, Elmer & Amend, Hansa, Hamburg
MANGROVE BARK—176 bgs, Gale T German, Robin Goodfellow, Zanzibar
EXTRACT—1,000 bgs, Malayan Prince, Singapore
MARJORAM LEAVES—13 bgs, L M Ramirez, Borinquen, Trujillo
MATCHES, SAFETY—4,700 conts, New York Match Co, Drottninghoim, Gothenburg
100 cs, Westernland, Antwerp
MEDICINAL PREPS — 2 cs, Alpinol Corp, Conte di Savoia, Genoa
2 cs, Vincent Barletta, Conte di Savoia, Genoa
50 cs, Nieuw Amsterdam, Rotterdam
6 cs, Burroughs, Wellcome & Co, Britannic, London
5 cs, Bremen, Bremen
MENTHOL—25 cs, Orbis Product Corp, Nozima, Kobe
25 cs, Bridges, Neumer & Co, Yamazuki, Kobe
40 cs, Kachurin Drug Co, Yamazuki, Kobe
30 cs, Kachurin Drug Co, Yamazuki, Otaru
MICA, BLOCK—10 cs, City of Eastbourne, Calcutta
DISCS—9 cs, Gillespie-Rogers-Pyatt Co, City of Eastbourne, Calcutta
SPLITTINGS—108 cs, Gillespie-Rogers-Pyatt Co, City of Eastbourne, Calcutta
MOLASSES—350,000 kilos, W R Grace & Co, Santa Barbara, Salaverry
MURU MURU KERNELS—3,380 bgs, General Food Corp, Bonheur, Para
MUSTARD SEED—560 bgs, G T German, Kansai, Tientsin
MYROBALANS, EXTRACT, POWD—425 bgs, 21 tons, 5 cwt, International Product Corp, Kyno, Hull
NUTMEGS—272 bgs, J F Frank, Foylebank, Padang
108 bgs, B H Old & Co, Nieuw Amsterdam, Rotterdam
40 bgs, H P Winter & Co, Brastagi, Padang
OIL, ALMOND—10 cs, Ungerer & Co, Britannic, London
CAMPHOR—20 dms, Guaranty Trust Co, Nozima, Yokohama
45 dms, Irving Trust Co, Nozima, Yokohama
CHINAWOOD—122 tons, L N Jackson & Co, Foylebank, Shanghai

OIL, CHINAWOOD—329 tons, National City Bank, Foylebank, Hongkong
475 tons, Chase National Bank, Malayan Prince, Hongkong
210 tons, Bank of California National Association, Malayan Prince, Hongkong
56 dms, Wah Chang Trading Corp, Malayan Prince, Hongkong
CITRONELLA—28 dms, Foylebank, Batavia
10 dms, Dodge & Olcott Co, Foylebank, Colombo
24 dms, National City Bank, Simaloer, Batavia
12 dms, Irving Trust Co, Simaloer, Batavia
9 dms, Simaloer, Batavia
32 dms, National City Bank, Brastagi, Batavia
8 dms, Brastagi, Sourabaya
16 dms, Brastagi, Sourabaya
29 dms, Catz American Co, Malayan Prince, Batavia
CLOVES—4 dms, French American Banking Corp, Robin Goodfellow, Durban
10 cks, French Line, City of Eastbourne, Port Said
COCONUT—349 tons, Pacific Vegetable Oil Co, Penrith Castle, Cebu
420 tons, Bank of California, Malayan Prince, Manila
419 tons, Guaranty Trust Co, Malayan Prince, Manila
COD—75 bbls, Bowring & Co, Fort Townshend, St Johns
50 bbls, President Harding, Hamburg
52 cks, F W Damon, Fort Amherst, St Johns
CODLIVER—1 bbl, Rockefeller Foundation, Fort Townshend, St Johns
331 dms, Kyno, Hull
608 dms, Consumers Import Co, Kyno, Hull
CORN—161 dms, 33 tons, 11 cwt, 3 qtrs, 20 lbs, Balfour, Guthrie & Co, Kyno, Hull
112,280 kilos, Black Eagle, Antwerp
CROTON—3 cs, Dodge & Olcott Co, Britannic, London
ESSENTIAL—10 dms, Pastores, Puerto Barrios
1 dm, Talamanca, Kingston
6 dms, Nozima, Yokohama
12 cs, Champlain, Havre
4 cs, President Harding, Lyon
8 cs, Britannic, Southampton
32 cs, Normandie, Havre
1 dm, Quirigua, Kingston
EUCALYPTUS—5 dms, P R Dreyer, Yamazuki, Yokohama
FUEL—94,000 bbls, Standard Oil Corp of N J, Esso Aruba, Aruba
110,000 bbls, Standard Oil Co of N J, Standard, Aruba
78,766 bbls, Asiatic Petroleum Corp, Conus, Curacao
112,000 bbls, Standard Oil Co of N J, J A Mowinckel, Aruba
82,000 bbls, Standard Oil Co of N J, Calliope, Aruba
GERANIUM — 1 ck, French Line, City of Eastbourne, Port Said
JASMINE—1 cs, Heine & Co, Hansa, Hamburg
LUBRICATING—25 dms, Koenigstein, Antwerp
10 dms, Black Eagle, Antwerp
MINERAL—100 dms, 46,491 lbs, Hansa, Hamburg
OITICICA—223 dms, Laplace, Ceara
OLIVE—150 cs, Conte di Savoia, Genoa
32 cs, Conte di Savoia, Naples
50 dms, Irving Trust Co, Ingria, Marseilles
25 dms, La Manna Azema & Farnan, Ingria, Marseilles
81 cs, Ingria, Marseilles
75 cs, 55 dms, Ingria, Lisbon
OLIVE SULPHUR—100 dms, Leghorn Trading Co, Ingria, Lisbon
PALM—35 dms, Balfour, Guthrie & Co, Nieuw Amsterdam, Rotterdam
50 dms, Regent Import Co, Robert Maersk, Rotterdam
quantity, Banque Belge Pour l'Etranger, Penrith Castle, Belawan
25 dms, Balfour, Guthrie & Co, Franconia, Liverpool
1,020 tons, Banque Belge Pour l'Etranger, Brastagi, Belawan Deli
251 tons, Van Leeuwen, Boomkamp & Co, Brastagi, Belawan Deli
418 tons, Brastagi, Belawan Deli
PEANUT—370 tons, Nozima, Tsingtao
1 dm, Mitsubishi Shoji Kaisha, Nozima, Osaka
287 tons, Mitsubishi Shoji Kaisha, Kansai, Tsingtao
PEPPERMINT—1 cs, Beechnut Packing Co, Franconia, Liverpool
PERILLA—346 tons, Mitsui & Co, Nozima, Dairen
400 tons, Mitsui & Co, Kansai, Dairen
PIMENTO LEAF—7 cs, Gillespie & Co, Talamanca, Kingston
POLLACK LIVER—100 dms, Consumers Import Co, Yamazuki, Kobe
RAPESEED—198 tons, Mitsui & Co, Kansai, Kobe
RICE BRAN—50 dms, Mitsubishi Shoji Kaisha, Nozima, Osaka
150 tons, Procter & Gamble Co, Britannic, London
350 tons, Colgate-Palmolive-Peet Co, Britannic, London
ROSEWOOD—8 dms, Bonheur, Para
12 dms, Bonheur, Manaos
SYNTHETIC—12 cs, Lo Curto & Funk, Robert Maersk, Rotterdam
ORANGE PEEL—5 cs, Greene Trading Co, Robert Maersk, London
68 bgs, Astrea, Jacmel
PALMKERNEL—2,437 bgs, Penrith Castle, Belawan Deli
364 bgs, Penrith Castle, Soesoh
1,067 bgs, Penrith Castle, A Poetih
800 bgs, Penrith Castle, Paneh
2,106 bgs, Penrith Castle, Belawan Deli
6,774 bgs, Malayan Prince, Belawan Deli
PAPRIKA—23 bgs, President Harding, Hamburg
PARAFFIN—2 cs, Eimer & Amend, Hansa, Hamburg
1,008 bgs, Asiatic Petroleum Corp, Brastagi, Balik Papan
PEATDUST—80 bls, Import & Supply Co, Tuscania, Glasgow
PEATMOSS—800 bls, 100 half bls, Columbus, Bremen
1,200 bls, Hansa, Hamburg
PEPPER, BLACK — 672 bgs, Foylebank, Pangkal Pinang
696 bgs, Stein, Hall & Co, Penrith Castle, Batavia
54 bgs, Stein, Hall & Co, Penrith Castle, Oosthaven
1,872 bgs, Penrith Castle, Oosthaven
2,925 bgs, Brastagi, Oosthaven
243 bgs, Brastagi, Telok Betong
2,322 bgs, Catz American Co, Malayan Prince, Oosthaven
247 bgs, Malayan Prince, Oosthaven
WHITE — 333 bgs, Foylebank, Pangkal Pinang
83 bgs, Irving Trust Co, Foylebank, Batavia
81 bgs, Foylebank, Batavia
84 bgs, Penrith Castle, Pang Pinang
167 bgs, A G Dunn, Penrith Castle, Batavia
258 bgs, Catz American Co, Penrith Castle, Batavia
86 bgs, Catz American Co, Malayan Prince, Batavia
PETROLEUM, DERIVATIVE—40 dms, 18,163 lbs, Hansa, Hamburg
PIMENTO—130 bgs, G T German, Talamanca, Kingston
100 bgs, A G Dunn, Talamanca, Kingston
5 bgs, Gale T German, Musa, Port Antonio
150 bgs, Mincing Trading Co, Musa, Port Antonio
PIMENTO BRAN—10 cs, Schieffelin & Co, Talamanca, Kingston
PITCH, STEARIN—24 bbls, Independence Hall, Dunkirk
201 dms, A V Berner & Co, Kyno, Hull
PLASTER—80 bgs, E H Coursens, Kyno, Hull
POPPYSEED—100 bgs, 11,000 lbs, American Bluefriesveen Co, Nieuw Amsterdam, Rotterdam
400 bgs, 44,000 lbs, Levy & Levis Co, Nieuw Amsterdam, Rotterdam
300 bgs, 33,000 lbs, Nieuw Amsterdam, Rotterdam
1 bg, American Express Co, Nieuw Amsterdam, Rotterdam
199 bgs, 21,890 lbs, C M Van Sillevoldt, Nieuw Amsterdam, Rotterdam
350 bgs, 38,500 lbs, Catz American Co, Robert Maersk, Rotterdam
300 bgs, 33,000 lbs, N S Cramer & Co, Batory, Gdynia
POTASH, ALUM—133 cks, 60,568 lbs, Philip A Hunt & Co, Robert Maersk, Rotterdam
CAUSTIC—60 dms, 11,400 lbs, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—1,000 dms, 239,800 lbs, Uniform Chem Prod Co, Baghdad, Hamburg
50 cks, 6,182 lbs, Bergstrom Trading Co, Black Eagle, Rotterdam
350 dms, 42,504 lbs, C Hardy, Black Eagle, Antwerp
CYANIDE—37 bbls, 4,525 lbs, J Murphy & Co, Black Eagle, Antwerp
MURIATE—228,000 kilos, N V Potash Export My, Baghdad, Hamburg
PRUSSIATE—20 cks, Nieuw Amsterdam, Rotterdam
SULPHATE—400 bgs, N V Potash Export My, Baghdad, Hamburg
PYRETHRUM FLOWERS—125 bls, W T Rawleigh Co, Nozima, Kobe
125 bls, S B Penick & Co, Yamazuki, Otaru
QUASSIA CHIPS—575 bgs, Quirigua, Kingston
RAPESEED—375 bgs, Knickerbocker Mills Co, Nozima, Osaka
133 bgs, Norton Lilly & Co, City of Eastbourne, Calcutta
50 bgs, Nieuw Amsterdam, Rotterdam
150 bgs, A G Dunn, Robert Maersk, Rotterdam
750 bgs, A G Dunn, Black Eagle, Rotterdam
RESIN—30 cs, Astoria Import & Mfg Co, Bonheur, Iquitos
100 cs, Santo Domingo & Co, Bonheur, Iquitos
ROOT, MEDICINAL—23 bls, 3,520 lbs, Hansa, Hamburg
1 cs, A G Riveros, Bonheur, Para
60 bls, Ingria, Marseilles
20 bls, 2,200 lbs, R J Prentiss & Co, Black Eagle, Antwerp
RUBBER, SYN—3 pkgs, Advance Solvents & Chem Co, Nieuw Amsterdam, Rotterdam
SAGO FLOUR—1,600 bgs, W R Grace & Co, Foylebank, Singapore
725 bgs, Stein, Hall & Co, Penrith Castle, Singapore
739 bgs, Penrith Castle, Singapore
SALT—18,334 bus, Andrew Speiman, Fieldwood, Turks Island
SALTPETER—585,100 kilos, Baghdad, Hamburg
SARSAPARILLA ROOT—2 bls, S B Penick & Co, Talamanca, Kingston
SAWDUST—599 bgs, State Chem Co, Nieuw Amsterdam, Rotterdam
SEED, MEDICINAL—14 bgs, Ingria, Marseilles
SENNA LEAVES—200 bls, S B Penick & Co, City of Eastbourne, Colombo
45 bls, City of Eastbourne, Colombo
PODS—10 bls, City of Eastbourne, Colombo
SESAME SEED—84 bgs, S K Adams, Kansai, Tientsin
SHELLAC—10 bgs, 10 cs, A Hurst & Co, Hansa, Hamburg
SEEDLAC—150 bgs, Mantrose Corp, City of Eastbourne, Calcutta
200 bgs, City of Eastbourne, Calcutta
SOAP, SADDLE—1 cs, M Harrison & Co, Britannic, London
3 cs, Meadows, Wye & Co, Britannic, London
6 cs, Franconia, Liverpool
TOILET—4 cs, Globe Shipping Co, President Harding, London
4 cs, Saks & Co, Britannic, Southampton
SODA, CARBONATE MONOHYDRATE — 10 dms, Philipp Bros, American Importer, Liverpool
134 dms, Titan Shipping Co, American Importer, Liverpool
CYANIDE—250 cks, 480 bbls, Charles Hardy, Champlain, Havre
HYDROSULPHITE—40 dms, Hansa, Hamburg
PRUSSIATE—203 kgs, H H Rosenthal Co, Kansai, Osaka
203 cs, Philip Bauer Co, Kansai, Yokohama
SULPHATE—428 bgs, W R Grace & Co, Santa Barbara, Antofagasta
SULPHIDE—5 dms, Eimer & Amend, Hansa, Hamburg
URANATE YELLOW—50 dms, Central Trading Corp, Koenigstein, Antwerp
50 dms, Central Trading Corp, Westernland, Antwerp
SOLVENTS—1 cs, Van Amerigen-Haebler, Nieuw Amsterdam, Rotterdam
738 dms, C P Chemical Solvents, Rosario, Ponce
SOYBEAN RESIDUE—4 dms, 2,789 lbs, Hansa, Hamburg
SPONGES—4 bls, American Sponge & Chamois Co, Oriente, Havana
22 bls, Orizaba, Havana
3 bls, Munargo, Nassau
REFUSE—3 bls, Orizaba, Havana
2 bls, Munargo, Nassau
10 bls, American Sponge & Chamois Co, Munargo, Nassau
SQUILL, RED—56 bgs, J L Hopkins & Co, Exeter, Marseilles
STARCH, POTATO—50 bgs, L A Salomon & Bros, Nieuw Amsterdam, Rotterdam
200 bgs, Morningstar-Nicol, Nieuw Amsterdam, Rotterdam
250 bgs, Stein, Hall & Co, Black Eagle, Rotterdam
RICE—25 bpls, Koenigstein, Antwerp
50 cs, 6,600 lbs, Orbis Product Corp, Black Eagle, Antwerp
STEARYLAMIN—2 cks, General Aniline Works, Black Eagle, Rotterdam
TALC—350 bgs, 77,000 lbs, Whittaker, Clark & Daniels, Independence Hall, Havre
72 cs, W A Foster & Co, Yamazuki, Kobe
TANNING EXTRACT—100 cs, 36,190 lbs, Franklin Import & Export Co, Robert Maersk, Antwerp
TAPIOCA, FLAKE—166 bgs, Stein, Hall & Co, Brastagi, Sourabaya
FLOUR—1,654 bgs, National Adhesive Corp, Foylebank, Pasoeroean
1,120 bgs, Seligman & Co, Foylebank, Pasoeroean
500 bgs, Central Hanover Bank, Foylebank, Cheribon
1,493 bgs, Stein, Hall & Co, Foylebank, Cheribon
1,933 bgs, Stein, Hall & Co, Foylebank, Batavia
225 bgs, Central Hanover Bank, Foylebank, Batavia
250 bgs, Bank of New York, Foylebank, Batavia
999 bgs, Bank of New York, Foylebank, Sourabaya
500 bgs, Seligman & Co, Penrith Castle, Pasoeroean
210 bgs, Seligman & Co, Penrith Castle, Sourabaya
50 bgs, Penrith Castle, Sourabaya
TAPIOCA FLOUR—504 bgs, Stein, Hall & Co, Penrith Castle, Chirebon
240 bgs, American Cyanamid & Chem Co, Penrith Castle, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Penrith Castle, Pamanoekan
250 bgs, Chase National Bank, Penrith Castle, Batavia
245 bgs, American Cyanamid & Chem Co, Hopepeak, Cheribon
1,107 bgs, Stein, Hall & Co, Hopepeak, Cheribon
2,048 bgs, Balfour, Guthrie & Co, Hopepeak, Pamanoekan
152 bgs, Stein, Hall & Co, Hopepeak, Batavia
250 bgs, Simaloer, Cheribon
233 bgs, Central Hanover Bank, Simaloer, Cheribon
400 bgs, American Cyanamid & Chem Co, Simaloer, Cheribon
267 bgs, Manufacturers Trust Co, Simaloer, Cheribon
1,099 bgs, Stein, Hall & Co, Simaloer, Cheribon
4,475 bgs, Balfour, Guthrie & Co, Simaloer, Pamanoekan
400 bgs, National Adhesive Corp, Simaloer, Batavia
250 bgs, American Cyanamid & Chem Co, Simaloer, Batavia
250 bgs, Central Hanover Bank, Simaloer, Batavia
250 bgs, Bank of Manhattan, Simaloer, Tegal
1,831 bgs, Stein, Hall & Co, Brastagi, Sourabaya
1,265 bgs, National Adhesive Corp, Brastagi, Cheribon
760 bgs, Chase National Bank, Brastagi, Cheribon
1,622 bgs, Stein, Hall & Co, Brastagi, Cheribon
1,020 bgs, H P Winter & Co, Brastagi, Batavia
480 bgs, Java American Export Co, Brastagi, Cheribon
560 bgs, Chase National Bank, Malayan Prince, Sourabaya
PEARL—50 bgs, Catz American Co, Sinaloer, Cheribon
216 bgs, Catz American Co, Malayan Prince, Cheribon
SEED—25 bgs, Catz American Co, Sinaloer, Cheribon
157 bgs, Stein, Hall & Co, Brastage, Sourabaya
54 bgs, Catz American Co, Malayan Prince, Cheribon
SIFTING—25 bgs, Catz American Co, Sinaloer, Batavia
TARTAR—2,847 bgs, Charles Pfizer & Co, Ingria, Marseilles
TEAWASTE—1,683 bgs, Citro Chem Co, City of Eastbourne, Calcutta
THYME LEAVES—100 bls, W T Rawleigh Co, Ingria, Marseilles
TIMBO ROOT, POWD—205 bgs, Bonheur, Para
TONKA BEANS—238 bbls, Irving Trust Co, Bonheur, Para
17 cs, 56 bbls, Bonheur, Para
TUBA ROOT—96 bls, S B Penick & Co, Foylebank, Singapore
100 bls, Foylebank, Singapore
UREA—500 bgs, 51,106 lbs, Synthetic Nitrogen Prod Corp, Black Eagle, Rotterdam
VANILLA BEANS—91 cs, French Line, City of Eastbourne, Port Said
25 cs, Guaranty Trust Co, Champlain, Havre
22 cs, Champlain, Havre
6 cs, Thurston & Braidich, Brastagi, Batavia
5 cs, W J Bush & Co, Brastagi, Batavia
WATER, MINERAL — 283 cs, American Agency French Vichy, Champlain, Havre
900 cs, E & J Burke, Ingria, Marseilles
WAX—5 cs, Bremen, Bremen
BEES—26 bgs, Schutte & Focke, Borinquen, Trujillo
25 bgs, Carr Bros, Borinquen, Trujillo
3 bgs, Astrea, Jeremie
82 bgs, Blanca Commi Italian, Pocone, Rio Janeiro
48 bgs, Pocone, Rio Janeiro
3 seroons, Porcella, Vicini & Co, Almena, Trujillo
16 seroons, Porcella, Vicini & Co, Almena, Porto Plata
CARNAUBA—56 bgs, W M Allison & Co, Laplace, Ceara
154 bgs, Smith & Nichols, Pocone, Rio de Janeiro
255 bgs, Smith & Nichols, Pocone, Bahia
MINERAL—2 bgs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
MONTAN—24 bgs, General Dyestuff Corp, Columbus, Bremen
1,125 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE—15 cs, 1,896 lbs, Independence Hall, Havre
60 bgs, 6,732 lbs, Heemsoth Kerner Corp, Hansa, Hamburg
REFINED—1,694 bgs, Standard Oil Co of N J, Penrith Castle, Palembang
1,694 bgs, Standard Oil Co of N J, Simaloe, Palembang
SPERMACETTI—200 cs, Tuscania, Glasgow
VEGETABLE—100 cs, H H Rosenthal Co, Kansai, Mozi
26 cs, Okura & Co, Kansai, Mozi
WOLFRAM ORE—146 bgs, W R Grace & Co, Santa Barbara, Mollendo
YEAST—175 bbls, Hansa, Hamburg
90 bbls, Vulkan Yeast Co, Hansa, Hamburg
ZINC OXIDE—50 bbls, Innis, Speiden & Co, Westernland, Antwerp

New York Transit Imports

CAMPHOR, CRUDE—500 cs, Mitsui & Co, Nozima, Keelung, Rochester
REFINED — 200 cs, McKesson & Robbins, Kansai, Kobe, Bridgeport
ERGOT—40 cs, 5,889 lbs, Eli Lilly & Co, Black Eagle, Antwerp, Indianapolis
FLAXSEED—4,000 tons, 160,000 bus, Laplace, Rosario, Montreal
GLASS, WINDOW—25 cs, Eastman Kodak Co, Black Eagle, Antwerp, Rochester
MENTHOL—25 cs, McKesson & Robbins, Kansai, Kobe, Bridgeport
OIL, CHINAWOOD—485 tons, W G Smith Co, Foylebank, Hongkong, Cleveland
219 tons, Spencer, Kellogg & Sons, Malayan Prince, Hongkong, Buffalo
FISH LIVER, REFD—5 dms, Gelatin Products Co, Britannic, London, Detroit
PYRETHRUM FLOWERS—75 bls, McKesson & Robbins, Kansai, Kobe, Bridgeport
SODA, SILICATE — 10 dms, 6,166 lbs, Akis Chem Corp, Robert Maersk, Antwerp, Passaic
SPONGES—11 bls, Oriente, Havana, London
77 bls, Orizaba, Havana, Paris
37 bls, Munargo, Nassau, London
REFUSE—3 bls, Oriente, Havana, London
104 bls, Munargo, Nassau, London
20 bls, Munargo, Nassau, Rotterdam
VANILLA BEANS—8 cs, Zink & Triest, Foylebank, Batavia, Philadelphia

Baltimore Imports

ANTIMONY OXIDE—500 bgs, Black Osprey, Antwerp
BONE PHOSPHATE—100 bgs, Black Osprey, Antwerp
BONE MEAL—3,303 bgs, Algic, Buenos Aires
547 bgs, Ida, Trieste
CHEMICALS—600 bgs, Cold Harbor, Glasgow
40 bgs, 20 csks, Black Osprey, Rotterdam
125 dms, 20 csks, Black Osprey, Antwerp
100 csks, Tiradentes, Rotterdam
CLAY—40 csks, Tiradentes, Rotterdam
GOAT MANURE—580 tons, Rikke, San Domingo
FERROMANGANESE—174 tons, Wm H Muller Co, Tiradentes, Rotterdam
IRON ORE—10,500 tons, Betnienem Steel Co, Cubore, Daiquiri
OXIDE—34 csks, Black Osprey, Antwerp
MAGNESITE—12,926 bgs, General Refractories Co, Barbarigo, Trieste
MANGANESE ORE—7,025 tons, Houston City, Poti
6,000 tons, Coulmore, Santiago
MEDICINAL PREPS—25 cs, Tiradentes, Rotterdam
MOLASSES—14,295,365 lbs, Cuba Distilling Co, Carrabulle, Barahona
2,713,799 lbs, Cuba Distilling Co, Carrabulle, Macoris
OIL, FUEL—45,000 bbls, Standard Oil Co, N J, D L Harper, Aruba
PEATMOSS—1,140 bls, Tiradentes, Rotterdam
PETROLEUM, CRUDE—67,292 bbls, Pan American Ref. Corp, D L Harper, Las Piedras
QUEBRACHO EXTRACT—26,451 bgs, Algic, Buenos Aires
SARDINE MEAL—8,000 bgs, Komaki, Kobe
TANKAGE—1,016 bgs, Algic, Santos
WOOL GREASE—10 bbls, Cold Harbor, Liverpool
ZINC CONCENTRATES—3,900 tons, Cerro Pasco Copper Corp, Lara, Callao

Bellingham Imports

POTASH MURIATE—1,600 sks, Wilson & George Meyer & Co, Este, Hamburg
SULPHATE—400 sks, Wilson & George Meyer & Co, Este, Hamburg

Boston Imports

ACID, CORN OIL—5 bbls, 2,317 lbs, Black Heron, Antwerp
CRESYLIC—20 dms, 4 tons, 10 cwt, 2 qtrs, 27 lbs, Philipp Bros, Laconia, Liverpool
25 dms, 5 tons, 5 cwt, 15 lbs, Laconia, Liverpool
PEANUT OIL—83 dms, 37,747 lbs, I M Sobin Co, Black Tern, Rotterdam
TARTARIC—100 cks, 12,125 lbs, Barbarigo, Genoa
ANHYDRITE, CRUSHED—45 bgs, Rumford Chemical Works, Newfoundland, Halifax
BARYTES—240 bgs, 26,455 lbs, Stanley Doggett, Barbarigo, Genoa
BONE MEAL—500 bgs, Barbarigo, Trieste
BRISTLES—18 cs, Stone & Downer, Tai Yang, Shanghai
CARAWAY SEED—25 bgs, 109 lbs, D & L Slade, Binnendijk, Rotterdam
75 bgs, 8,267 lbs, Boston Brokerage Co, Black Tern, Rotterdam
50 bgs, 5,511 lbs, Black Tern, Rotterdam
CHEMICALS—20 cks, 12,037 lbs, Irving M Sobin Co, Kellerwald, Hamburg
500 bgs, 110,230 lbs, Stone & Downer Co, Kellerwald, Hamburg
30 dms, 13,228 lbs, Chemical Marketing Co, Kellerwald, Hamburg
338 bgs, 50,702 lbs, Kellerwald, Bremen
1 bx, American Express Co, American Importer, Liverpool
200 bgs, 100 dmjns, 35,913 lbs, Black Tern, Rotterdam
50 cks, 6,504 lbs, American Cyanamid & Chemical Co, Black Tern, Rotterdam
100 dms, 12,082 lbs, Black Tern, Antwerp
20 bbls, 9,700 lbs, Philipp Bros, Black Tern, Antwerp
700 bgs, 145,129 lbs, Black Tern, Antwerp
25 dms, Tiradentes, Rotterdam
500 bgs, 101,037 lbs, Black Heron, Antwerp
25 bbls, 50 bgs, 23,115 lbs, Industrial Sales Corp, Black Heron, Antwerp
25 dms, Binnendijk, Rotterdam
12 cks, Innis, Speiden & Co, Binnendijk, Rotterdam
COCOA BEANS—1,509 bgs, 222,720 lbs, W & A Leaman, Black Heron, Rotterdam
500 bgs, 79,941 lbs, Black Tern, Rotterdam
COCONUTS—50 bgs, Barclay's Bank, Lady Drake, St Lucia
COCONUT, DESIC—100 cs, Kinai, Davao
400 cs, Balfour, Guthrie & Co, Tai Yang, Manila
CODLIVER MEAL—1,222 hlf bgs, 121,253 lbs, Lundt & Co, Black Tern, Antwerp
560 hlf bgs, 55,999 lbs, Wessel, Duval & Co, Black Heron, Antwerp
CODLIVER OIL PRESSINGS—7 bbls, from Newfoundland
DEXTRIN, FARINOL—10 dbl bgs, 10 cwt, Borden & Remington Co, Laconia, Liverpool
POTATO—100 bgs, 22,046 lbs, Stein, Hall & Co, Black Tern, Rotterdam
EARTH, RED—100 bgs, 5 csks, Stanley Doggett, Tiradentes, Rotterdam
EELGRASS—137 bbls, Samuel Cabot, Evangeline, Yarmouth
FAT—2 cs, J R Short Milling Co, Laconia, Liverpool
FISH LIVERS—517 tins, Atlantic Coast Fisheries, Tai Yang, Yokohama
42 cans, from Nova Scotia
8 cans, T D Downing Co, Newfoundland, Halifax
163 crtns, General Seafoods Corp, Newfoundland, Halifax
1 cs, H M Crocker, Evangeline, Yarmouth
2 cs, H M Crocker, Evangeline, Yarmouth
5 cs, from Nova Scotia
GALLNUTS—187 bgs, Tai Yang, Hongkong
GAMBIER—122 cs, Littlejohn & Co, Malayan Prince, Singapore
BLOCK—109 cs, Chase National Bank, Malayan Prince, Singapore
CUBE—70 bgs, Littlejohn & Co, Malayan Prince, Singapore
70 bgs, Malayan Prince, Singapore
GELATIN—25 bgs, 9,557 lbs, Rob D McClellan, Black Tern, Rotterdam
45 bgs, Rob D McClellan, Tiradentes, Rotterdam
95 bgs, Rob D McClellan, Binnendijk, Rotterdam
GENTIAN ROOT—45 bls, 9,039 lbs, Exeter, Marseilles
GLASS, PLATE—10 cs, 35,075 lbs, Jacob Rubin & Sons, Black Heron, Antwerp
SHEET—634 cs, 44,281 lbs, Black Heron, Antwerp
WINDOW—2,336 cs, 179,891 lbs, Boston Supply Co, Black Heron, Antwerp

CLEANING MILLING
GUMS, DRUGS, FOOD PRODUCTS
To
Your Specification
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N. J.

GLASS, WINDOW—203 cs, 18,044 lbs, Boston Supply Co, Black Tern, Antwerp
GLUESTOCK, FISH—146 bxs, R A Ranagan, Evangeline, Yarmouth
60 bxs, 2 bbls, J R Poole, Evangeline, Yarmouth
10 bxs, J A Rich, Evangeline, Yarmouth
410 bgs, Russia Cement Co, Evangeline, Yarmouth
80 bxs, J R Poole, Evangeline, Yarmouth
HIDE—122 bgs, American Importer, Liverpool
GLYCERIN—15 dms, 19,764 lbs, Black Heron, Antwerp
GOLDTHREAD—1 bg, C E Gould, Evangeline, Yarmouth
GUM, INDUSTRIAL—50 cks, 12 tons, 6 cwt, J P Marston Co, Laconia Liverpool
25 bgs, 1 ton, 5 cwt, 1 qtr, 22 lbs, J P Marston Co, Franconia, Liverpool
GYPSUM, CRUDE—6,050 tons, U S Gypsum Co, Gypsum Queen, Windsor
INSECTICIDE—7 cs, American Express Co, American Farmer, London
LIME JUICE—3 cks, Barclay's Bank, Lady Drake, St Lucia
MACE—28 cs, Brastagi, Batavia
28 cs, Palembang, Macassar
MEDICINAL PREPS—1 cs, 1 bskt, Foo Sun Co, Tai Yang, Hongkong
6 cs, Quong Wah Lung, Tai Yang, Hongkong
1 cs, Tung Hing Lung, Tai Yang, Hongkong
MOLASSES — 10 puncheons, Rowlings, Ltd, Lady Drake, Barbados
MUSTARD SEED—200 bgs, 44,092 lbs, Stickney & Poor Spice Co, Black Heron, Rotterdam
NAPHTHALENE, CRUDE—1,900 bgs, Binnendijk, Rotterdam
2,500 bgs, 558,083 lbs, Black Tern, Rotterdam
NUTMEGS — 50 bgs, Arthur G Dunn, Lady Drake, Grenada
50 bgs, Charles T Wilson Co, Lady Drake, Grenada
33 bgs, Catz American Co, Malayan Prince, Semarang
OCHER—500 bgs, 25,328 lbs, Exeter, Marseilles
OIL, COCONUT—1,043 tons, Philippine Refining Co, Hopepeak, Cebu
COD—275 dms, 121,253 lbs, Capulin, Hamburg
50 cks, F W Damon, Newfoundland, St John's, N F
50 cks, White & Hodges, Newfoundland, St John's, N F
111 cks, from Nova Scotia
CODLIVER—220 dms, Mead Johnston & Co, Newfoundland, St John's, N F
5 dms, from Newfoundland
80 dms, Marden Wild Corp, Newfoundland, Halifax
70 bbls, 16 dms, 40,344 lbs, from Denmark
30 dms, 7,606 lbs, Capulin, Hamburg
ESSENTIAL—4 cs, Lever Bros Co, Capulin, London
FUEL—25,000 bbls, 1,050,000 gls, Colonial Beacon Oil Co, George H Jones, Aruba
LUBRICATING—25 dms, 11,614 lbs, Webbal Service Co, Black Heron, Antwerp
25 bbls, 14,032 lbs, Black Heron, Antwerp
MINERAL—25 dms, 11,642 lbs, Kuhn, Libby Co, Kellerwald, Hamburg
PALM—1,202 tons, Van Leeuwen Boomkampf & Co, Brastagi, Belawan Deli
SESAME—5 cs, Tung Hing Lung, Tai Yang, Hongkong
SOD—40 csks, 20,150 lbs, First National Bank, Black Heron, Antwerp
SPERM—40 dms, and 100 bbls, Tuscania, Glasgow
OSSEIN—2,000 bgs, 223,987 lbs, J O Whitten Co, Black Tern, Antwerp
1,000 bgs, 101,764 lbs, Atlantic Gelatine Co, Black Tern, Antwerp
1,291 bgs, 151,382 lbs, Black Tern, Antwerp
1,000 bgs, 101,764 lbs, Atlantic Gelatine Co, Black Heron, Antwerp
1,000 bgs, 111,993 lbs, Black Heron, Antwerp
PAPRIKA—100 bgs, 11,258 lbs, Kellerwald, Hamburg
PEATMOSS—300 bls, 67,196 lbs, L E Page, Kellerwald, Bremen
1,805 bls, 273,283 lbs, Kellerwald, Bremen
100 bls, Halfmoon Mfg Trading Co, Tiradentes, Rotterdam
1,080 bls, Premier Peatmoss Co, Tiradentes, Rotterdam
1,050 bls, Premier Peatmoss Co, Binnendijk, Rotterdam
PEPPER, BLACK—258 bgs, Catz American Co, Malayan Prince, Telok Betong
PERFUMERY—1 cs, American Express Co, American Farmer, London
1 cs, American Express Co, Laconia, Liverpool
PETROLEUM, CRUDE—43,346 bbls, 6,531 tons, Colonial Beacon Oil Co, George H Jones, Las Piedras
POPPYSEED—25 bgs, Boston Brokerage Co, Tiradentes, Rotterdam
10 bgs, 105 lbs, D & L Slade, Binnendijk, Rotterdam
POTASH, CHLORATE—550 dms, 132,166 lbs, J H Schroeder Banking Corp, Kellerwald, Hamburg
QUEBRACHO EXTRACT—739 bgs, 79,252 lbs, Tannin Corp, West Selene, Buenos Aires
2,115 bgs, 169,466 lbs, International Products, Corp, West Selene, Buenos Aires
RAPESEED—50 bgs, 11,023 lbs, Black Heron, Rotterdam
SAGE LEAVES—80 bls, Barbarigo, Trieste
SAGO, FLOUR—360 bgs, Foylebank, Singapore
SAND, FURNACE—400 bgs, 60,406 lbs, Black Tern, Rotterdam
400 bgs, 60,406 lbs, Black Heron, Rotterdam
SHELLAC—55 cs, 25 bgs, 14,389 lbs, J Henry Schroeder Banking Corp, Black Heron, Rotterdam
10 cs, J Henry Schroeder Banking Corp, Binnendijk, Rotterdam
10 cs, J Henry Schroeder Banking Corp, Kellerwald, Hamburg
20 cs, 5,436 lbs, J Henry Schroeder Banking Corp, Black Tern, Rotterdam
SOAP—2 cs, D C Andrews Co, American Importer, Liverpool
50 cs, 1,940 lbs, Conti Products Corp, Exeter, Leghorn
TOILET—3 cs, American Express Co, American Importer, Liverpool
10 cs, S S Pierce Co, American Farmer, London
SODA, ASH, CAUSTIC—24 cks, 6 tons, Franconia, Liverpool
HYDROSULPHITE—25 kegs, 1 ton, 7 cwt, 2 qtrs, 20 lbs, Phillip Bros, Franconia, Liverpool
HYPOSULPHITE — 100 kegs, 22,046 lbs, Phillip Bros, Black Tern, Antwerp
PRUSSIATE—30 cks, Binnendijk, Rotterdam
SILICATE—75 cks, C H Powell Co, American Importer, Liverpool
STARCH, CHEMICALLY TREATED—500 bgs, Tiradentes, Rotterdam
200 bgs, 66,138 lbs, A M Meincke & Son, Black Heron, Rotterdam
200 bgs, Binnendijk, Rotterdam
POTATO—500 bgs, Tiradentes, Rotterdam
TALC—200 bgs, Komaki, Osaka
250 bgs, 55,115 lbs, Whittaker, Clark & Daniels, Barbarigo, Genoa
200 cs, 44,092 lbs, Charles Mathieu, Barbarigo, Genoa
TANKAGE — 2,159 bgs, 243,345 lbs, West Selene, Buenos Aires
TAPIOCA FLOUR—1,020 bgs, H P Winter Co, Palembang, Batavia
1,103 bgs, General Foods Corp, Foylebank, Pasoeroean
250 bgs, Foylebank, Cheribon
1,026 bgs, Balfour, Guthrie & Co, Foylebank, Pamanoekan
TAPIOCA FLOUR—250 bgs, Chase National Bank, Foylebank, Batavia
250 bgs, H P Winter & Co, Brastagi, Tjilatjap
510 bgs, J P Winter & Co, Brastagi, Batavia
2,054 bgs, Balfour, Guthrie & Co, Brastagi, Batavia
1,103 bgs, General Foods, Malayan Prince, Sourabaya
2,099 bgs, Balfour, Guthrie & Co, Malayan Prince, Pamanoekan
510 bgs, Stein, Hall & Co, Malayan Prince, Batavia
TOILET POWDER—1 cs, R F Livingstone, Lady Drake, Grenada
UREA — 100 bgs, Synthetic Nitrogen Product Corp, Binnendijk, Rotterdam
WAX, MONTAN—600 bgs, 138,890 lbs, Strohmeyer & Arpe Co, Kellerwald, Hamburg
WHITING—500 bgs, 55,115 lbs, T D Downing Co, Black Tern, Antwerp
500 bgs, 55,115 lbs, T D Downing, Black Heron, Antwerp
ZINC, CHLORIDE—25 dms, 14,330 lbs, Philipp Bros, Black Heron, Antwerp
DUST—40 bbls, 22,751 lbs, Industrial Sales Corp, Black Heron, Antwerp
OXIDE—50 dms, Carr Mfg Corp, Tiradentes, Rotterdam

Houston Imports

AMMONIA SULPHATE—907,186 kilos, Spaarndam, Rotterdam
ARSENIC—272 dms, Spaarndam, Antwerp
CHEMICALS—10 kgs, Aachen, Hamburg
5 cks, Aachen, Antwerp
30 bbls, Spaarndam, Rotterdam
PEATMOSS—1,850 bls, Aachen, Bremen
PAPRIKA—50 cs, Aachen, Hamburg
PEPPER, RED—250 bgs, Aachen, Hamburg
PETROLEUM, CRUDE—90,963 bbls, Pericles, Tuxpam
POTASH MURIATE—30 cks, Spaarndam, Antwerp
WATER, MINERAL—25 cs, Spaarndam, Rotterdam

Los Angeles Imports

AMMONIA, PHOSPHATE—2,400 bgs, 239,680 lbs, Rosebank, Trail
SULPHATE—2,400 bgs, 239,680 lbs, Rosebank, Trail
ANTIMONY ORE—85,000 lbs, from Mexico
ARSENIC, WHITE—82 pkgs, 55,720 lbs, Margaret Johnson, Gothenburg
CARAWAY SEED—50 bgs, 5,450 lbs, Loch Avon, Haarlem
CASSIA—45 pkgs, 6,600 lbs, Silverwillow, Padang
CELERY SEED—90 bgs, 11,520 lbs, Silverwillow, Amritsar
CHEMICAL COMP—1,090 lbs, Kwansai, Yokohama
CINNAMON—2,480 lbs, President Coolidge, Colombo
COCONUTS—200 bgs, 28,000 lbs, San Rafael, Colon
150 bgs, 21,000 lbs, San Jose, Panama
COCONUT, DESIC—138 cs, 17,940 lbs, Silverwillow, Philippine Islands
2,343 cs, 315,850 lbs, Tai Shan, Manila
710 cs, 96,700 lbs, President Coolidge, Manila
150 cs, 17,500 lbs, Silverwillow, Philippine Islands
4,470 cs, 621,710 lbs, Pleasantville, Manila
COPRA—4,704,000 lbs, Besholt, Manila
519,550 lbs, Besholt, Legaspi
1,344,000 lbs, Pleasantville, Manila
MEAL—9,600 bgs, 960,000 lbs, President Coolidge, Manila
4,500 bgs, 450,000 lbs, Silverwillow, Manila
10,000 bgs, 1,000,000 lbs, Besholt, Manila
DENDE KERNELS—2,110 bgs, 279,100 lbs, Hoyanger, Bahia
DRUGS, ADVANCE—5,970 lbs, President Coolidge, Hongkong
CRUDE—15,820 lbs, President Coolidge, Hongkong
10 lbs, President Coolidge, Canton
FERTILIZER—800 bgs, 82,500 lbs, Morviken, Japan
1,300 bgs, 130,000 lbs, Morviken, Kobe
FISH LIVERS, FROZEN—120 tins, 4,800 lbs, President Coolidge, Yokohama
FLEASEED—98 bgs, 16,460 lbs, Silverwillow, Amritsar
GINGER ROOT—1,500 lbs, President Coolidge, Hongkong
GLASS, SHEET—5 pkgs, 400 lbs, San Jose, Charleroi, Belg
170 cs, 25,750 lbs, Portland, Prague
WINDOW—513 cs, 29,800 lbs, San Jose, Brussels
HEMPSEED MEAL—1,840 bgs, 184,000 lbs, Morviken, Kobe
HERBS, CRUDE—350 lbs, President Coolidge, Canton
MEDICINAL PREPS—50 lbs, Yamazuki, Kobe
830 lbs, President Coolidge, Canton
1,000 lbs, From Belfast
NUTMEGS—17 pkgs, 2,880 lbs, Silverwillow, Banda
OIL, CHINAWOOD—175 dms, 73,000 lbs, President Coolidge, Hongkong
LUBRICATING—50 pkgs, 25,220 lbs, Portland, Hamburg
NUT—150 dms, 63,000 lbs, Pleasantville, Hongkong
PEANUT—10 cs, 720 lbs, President Coolidge, Hongkong
SESAME—8 cs, 210 lbs, President Coolidge, Hongkong
200 dms, 88,040 lbs, Lochavon, Amsterdam
TEASEED—672,000 lbs, President Coolidge, Hongkong
ORANGE PEEL—100 lbs, President Coolidge, Hongkong
PAPRIKA—50 bgs, 5,500 lbs, Portland, Budapest
PARAFFIN—2,720 bgs, 380,800 lbs, Silverwillow, Surabaya
PEATMOSS—1,600 bls, 219,610 lbs, Portland, Bremen
PEPPER, BLACK—225 bgs, 33,080 lbs, Silverwillow, Batavia
PERFUMERY—100 lbs, From London
QUEBRACHO EXTRACT—245 bgs, 26,010 lbs, Hoyanger, Buenos Aires
RICE FLOUR—750 lbs, Yamazuki, Yokohama
SARDINE MEAL—2,000 bgs, 200,000 lbs, Morviken, Kobe
SEAWEEDS—690 lbs, Yamazuki, Kobe
100 lbs, Norden, Yokohama
SESAME SEED—150 lbs, Yamazuki, Kobe
50 bgs, 10,000 lbs, Pleasantville, Hongkong
SHELLAC, MFRS—1,100 lbs, Kansai, Yokohama
SOAP, TOILET—350 lbs, From Nottingham
850 lbs, From London
400 lbs, From Paris
TAPIOCA FLOUR—7,900 lbs, President Coolidge, Hongkong
TOILET PREPS—60 lbs, Yamazuki, Kobe
790 lbs, From London
WHITING—1,000 bgs, 109,020 lbs, Margaret Johnson, Malmo

Mobile Imports

BAUXITE ORE, CRUSHED & DRIED—3,065 tons, Askeladden, Paramaribo
577 tons, Askeladden, Trinidad
3,100 tons, Ada, Paramaribo

New Orleans Imports

CHEMICALS—90 dms, Ethan Allen, Rotterdam
144 cks, Advance Solvents & Chemical Corp, Bochum, Hamburg
COALTAR—10 cs, Bochum, Bremen
COCONUTS—500 sx, Standard Fruit & S S Co, Cefalu, Ceiba
640 sx, J Blake, Jr, Gansfjord, Belize
100 sx, L Hayward, Gansfjord, Belize
100 sx, Gansfjord, Belize
550 sx, Fruit Dispatch Co, Sixaola, Puerto Cortez
208 sx, Fruit Dispatch Co, Sinaloa, Swan Island
1 sx, R H Garrot, Sinaloa, Swan Island
COPRA—3,826 tons, Patrick Henry, Cebu
EPSOM SALT—150 sx, Bochum, Bremen
FERROMANGANESE — 101,600 kilos, Vigrid, Gdynia
GUM, CHICLE—19 bls, Gansfjord, Belize
OIL, LUBRICATING — 65 dms, Ethan Allen, Antwerp
OLIVE—25 cs, 3 dms, Monfiore, Genoa
PEATMOSS—200 bls, Bochum, Bremen
POTASH SULPHATE—70 bbls, N V Potash Export Mij, Bochum, Hamburg
TALC—180 sx, Chase National Bank, Ulua, Cristobal
TAPIOCA FLOUR—223 sx, Tabian, Batavia

Norfolk Imports

COCOA BEAN, RESIDUE—3,450 bls, 251,295 lbs, H J Baker & Bros, N Y, Black Osprey, Antwerp
LEATHER SCRAP—300 bls, 20,239 lbs, Smith Rowland Co, Black Osprey, Antwerp

Philadelphia Imports

ACID, CRESYLIC—282 dms, Manchester Producer, Manchester
SOYBEAN OIL—80 dms, Halfmoon Manufacturing & Trading Co, Maasdam, Rotterdam
ALCOHOL, METHYLIC—1 bbl, J W Hampton, Jr & Co, Vincent, Havre
AMMONIAC, SAL—50 cks, Scanstates, Gdynia
BONE MEAL—300 bgs, Barbarigo, Trieste
1,088 bgs, Barbarigo, Fiume
1,102 bgs, H J Baker & Bros, West Selene, Buenos Aires
CANARY SEED — 1,150 bgs, Exermont, Tekirdag
1,000 bgs, R T French Co, Exermont, Tekirdag
CARAWAY SEED—75 bgs, Maasdam, Rotterdam
CHEMICALS—885 bgs, Kellerwald, Bremen
17 cks, Maasdam, Rotterdam
20 dms, Ciba Co, Maasdam, Rotterdam
15 cks, A P Sheridan, Maasdam, Rotterdam
CHINA CLAY—60,190 kilos, United Clay Mines Corp, Maasdam, Rotterdam
100 bgs, United Clay Mines Corp, Maasdam, Rotterdam
CHROME ORE—2,000 tons, Danio, Pastelillo
CLAY—500 bgs, Adolphe Hurst Co, Kellerwald, Hamburg
TILE—30,000 kilos, Vincent, Hamburg
COCOA BEANS—1,500 bgs, Kellerwald, Hamburg
300 bgs, Camamu, Victoria
500 bgs, Blumenthal Bros, Camamu, Bahia
RESIDUE—300 bgs, Woodward Dickerson, Maasdam, Rotterdam
CORK SHAVINGS—172 bls, Crown Cork & Seal Co, Exmouth, Algiers
ETHYLENE DIBROMIDE—90 dms, Howe Importing Co, Kellerwald, Hamburg
FERROCHROME—2 cs, Uddeholm Co of America, Tunaholm, Gothenburg
FERROMANGANESE — 555,963 kilos, Scanstates, Gdynia
GLASS, MICROSCOPIC SHEET—4 bxs, Arthur H Thomas Co, Manchester Producer, Manchester
WINDOW—68 cs, Vincent, Hamburg
GLYCERIN, CRUDE—34 dms, City of Eastbourne, Aden
GRAPHITE—500 bgs, New York Trust Co, City of Eastbourne, Colombo
GUM, TALHA—400 bgs, Brown Brothers, Harriman & Co, City of Eastbourne, Port Sudan
GYPSUM, CRUDE—5,200 tons, U S Gypsum Co, Gypsum Queen, Windsor
ILMENITE ORE—8,475 tons, Harmala, Cochin
IRON OXIDE—20 cks, Jos A McNulty, Manchester Producer, Manchester
LICORICE ROOT—6,745 bls, Bank of Greece, Exermont, Kyllini
12,125 bls, Exmouth, Izmir
374 bgs, Exmouth, Izmir
MAGNESITE—18 bgs, Maasdam, Rotterdam
20 dms, Maasdam, Rotterdam
CALCINED—100 bbls, Maasdam, Rotterdam
CLINKERS—7,000 bgs, Nozima, Dairen
MINERALS—848 bgs, West Selene, Buenos Aires
MOLASSES—1,335,893 gls, Catahoula, Nuevitas 599,463 gls, North American Trading & Import Co, Winnetou, Boqueron
802,029 gls, North American Trading & Import Co, Winnetou, Pastelillo
MUSTARD SEED—622 bgs, Bank of New York & Trust Co, Nozime, Tientsin via Dairen
OIL, CODLIVER—165 dms, Vincent, Hamburg
OLIVE—200 cs, Psaki Bros, Exermont, Leghorn
100 cs, Fontana Hollywood Co, Exermont, Leghorn
12 cks, B & O Railroad Co, Exermont, Leghorn
30 cs, G Sabelli, Barbarigo, Genoa
375 cs, Barbarigo, Leghorn
PEANUT—405.5 tons, Nozima, Tsingtao
SULPHUR OLIVE—100 bbls, Leghorn Trading Co, Exmoor, Lisbon
PEATMOSS—400 bls, Kellerwald, Bremen
1,580 bls, Marine Midland Trust Co, Maasdam, Rotterdam
1,000 bls, Premier Peat Moss Corp, Scanstates, Copenhagen
PEPPER, RED—25 bgs, Vincent, Hamburg
PETROLEUM, CRUDE—68,903 bbls, Atlantic Refining Co, Hahira, Las Piedras
POPPYSEED—150 bgs, Maasdam, Rotterdam
PUMICE—50 bgs, Exmouth, Canneto-Lipari
QUEBRACHO EXTRACT—11,420 bgs, Tannin Corp, West Selene, Buenos Aires
RAPESEED—500 bgs, First National Bank, Exermont, Constanza
220 bgs, Maasdam, Rotterdam
SARDINE MEAL—3,240 bgs, Nozima, Kobe
SUMAC LEAF—250 bls, Exermont, Palermo
SIENNA—90 bgs, First National Bank, Exermont, Leghorn
7 csks, First National Bank, Exermont, Leghorn
SODA SILICATE—1 bg, Philadelphia Quartz Co, Maasdam, Rotterdam
TALLOIL—75 bbls, Kellerwald, Hamburg
TANKAGE—1,016 bgs, West Selene, Santos
WATER, LOURDES—2 demijohns, St Helen's Schodack, Havre
MINERAL—60 cs, Nozima, Kobe

Portland, Ore., Imports

POTASH, MURIATE—192,000 kilos, Wilson & George Meyer & Co Este, Hamburg
228,000 kilos, Wilson & George Meyer & Co, Este, Hamburg
SULPHATE—700 sks, Wilson & George Meyer & Co, Este, Hamburg
1,800 sks, Wilson & George Meyer & Co, Este, Hamburg
SOAP—25 cs, Meier & Frank, Este, Cristobal

San Francisco Imports

ACID, CITRIC—12 cs, Maunalei, Honolulu
ANTIMONY OXIDE, WHITE—250 sks, Irving Trust Co, President Coolidge, Hongkong
APRICOT KERNELS—10 cs, Ti Hang Lung & Co, President Coolidge, Hongkong
BLEACHING POWDER—225 dms, Wilson & Geo Meyer & Co, Tacoma, Antwerp
BONE MEAL, STEAMED—500 sks, M W Park & Co, President Coolidge, Tientsin
CALCIUM TARTRATE—239 bgs, Loch Avon, Rotterdam
CAMPHOR—17 cs, H M Newhall & Co, President Coolidge, Kobe
CASSIA BARK—18 sks, Aries Co, President Coolidge, Haiphong
176 sks, Philadelphia National Bank, President Coolidge, Haiphong
CHEMICALS—20 cks, William Neuberg, Tacoma, Hamburg
227 sks, Tacoma, Bremen
100 sks, Loch Avon, Rotterdam
CINNAMON QUILLS—25 bls, P J Frawley, President Coolidge, Hongkong
100 bls, D Hecht & Co, President Coolidge, Hongkong
CLAY, BALL—30,450 kilos, Loch Avon, Rotterdam
COCOA BEANS—1,250 sks, D Ghirardelli Co, San Diego, Curacao
COCONUT, DESIC — 1,475 cs, J E Lowden, President Coolidge, Manila
325 cs, General Foods Sales Co, President Coolidge, Manila
425 cs, Balfour, Guthrie & Co, President Coolidge, Manila
2,340 cs, Durkee Famous Foods, President Coolidge, Manila
920 cs, Wood & Selick, President Coolidge, Manila
COCONUTS—100 sks, Otis, McAllister & Co, Canada, Kingston
COPRA MEAL — 5,000 sks, Taylor Milling Corpn, President Coolidge, Manila (for Oakland)
FERTILIZER—472 sks, San Diego, Antwerp
200 sks, San Diego, Antwerp (for Oakland)
FLINT PEBBLES — 150 sks, Canada, Copenhagen
GINGER ROOT—20 cs, Manukai, Hilo
198 pkgs, President Coolidge, Hongkong
GUM, COPAL—270 sks, Stroock & Wittenberg Corpn, President Coolidge, Manila
HERBS, DRIED—5 sks, Natures Herb Co, Tacoma, Hamburg
5 bdls, Fung Chong, President Coolidge, Hongkong
2 cs, Ying Fat Lung, President Coolidge, Hongkong
HONEY—218 cs, Maunalei, Port Allen
INSECTICIDE—1 cs, Japan Seed Co, President Coolidge, Yokohama
ISINGLASS—5 cs, F S Sakamaki & Co, President Coolidge, Kobe
LOOFAHS—12 bls, President Coolidge, Kobe
MEDICINAL PREPS—40 pkgs, Oy Wo Tong, President Coolidge, Hongkong
2 cs, Hing Hop Co, President Coolidge, Hongkong
3 cs, Quong Lee & Co, President Coolidge, Hongkong
3 cs, Fung Chong, President Coolidge, Hongkong
34 pkgs, Tai Sang Tong, President Coolidge, Hongkong
27 pkgs, Hi Wo Hong, President Coolidge, Hongkong
2 cs, Ying Fat Lung, President Coolidge, Hongkong
10 cs, Chong Sing Co, President Coolidge, Hongkong
44 pkgs, Tai Fung Wo Co, President Coolidge, Hongkong
50 pkgs, Wah Shang Co, President Coolidge, Tientsin
MOLASSES—1,000 tons, Maunalei, Honolulu
509 tons, Mana, Hilo
1,201,000 lbs, Makawao, Ahukini
OIL, ANISE—5 dms, President Coolidge, Haiphong
5 dms, W Naumann, President Coolidge, Haiphong
9 dms, Arles Co, President Coolidge, Haiphong
CHINAWOOD—150 dms, W Prescott & Co, President Coolidge, Hongkong
345 tons, D Hecht & Co, President Coolidge, Hongkong
120 tons, Bank of California, N A, President Coolidge, Hongkong
30 tons, Anglo-California National Bank, President Coolidge, Hongkong
53 tons, W R Grace & Co, President Coolidge, Hongkong
90 tons, President Coolidge, Hongkong
CITRONELLA—1 dm, P J Frawley Co, President Coolidge, Hongkong
COCONUT—125 tons, President Coolidge, Manila
COTTONSEED—300 tons, Loch Avon, London
FUEL—5 dms, Shell Development Co, Loch Avon, Curacao
ORANGE PEEL, DRIED—2 bdls, Ying Fat Lung, President Coolidge, Hongkong
PAPRIKA—50 sks, Tacoma, Hamburg
PEANUTS, SHELLED—100 sks, M S Cowen Co, President Coolidge, Manila
PEATMOSS—3,300 bls, Wilson & George Meyer & Co, Canada, Copenhagen
400 bls, Bank of California, Loch Avon, Rotterdam
500 bls, Bank of California, Loch Avon, Rotterdam (for Oakland)
POTASH, SALT—2 cs, Bauer-Schweitzer Hop & Malt Co, Loch Avon, London
SULPHATE—350 sks, Wilson & George Meyer & Co, Tacoma, Hamburg
2,100 sks, Wilson & George Meyer & Co, Tacoma, Hamburg (for Oakland)
4,500 sks, Wilson & George Meyer & Co, Tacoma, Hamburg (optional discharge, Oakland, Alameda)
SESAME MEAL—500 sks, Balfour, Guthrie & Co, President Coolidge, Yokohama
SEED—50 bls, Wah Young Co, President Coolidge, Hongkong
SILVERSAND—50 tons, San Diego, Antwerp (for Oakland)
SODA CHLORATE—500 cans, International Selling Corp, San Diego, Havre
STARCH—100 cs, Columbia Co, President Coolidge, Hongkong
60 cs, Kwong Yick, President Coolidge, Hongkong
TALLOW—1 bbl, Manukai, Kahului
10 dms, Manulani, Kahului
WAX, MONTAN, CRUDE—300 sks, Strohmeyer & Arpe, Tacoma, Hamburg (for Oakland)

Savannah Imports

AMMONIA SULPHATE—Quantity, Fluorspar, Rotterdam
CLAY—70 cks, Fluorspar, Rotterdam
COMMON—435 bgs, Fluorspar, Rotterdam
GLASS, SHEET—300 cs, Fluorspar, Antwerp
LEATHER MEAL—6,064 bgs, Fluorspar, Rotterdam
OIL, CREOSOTE—4,000 tons, Evina, Ijmuiden
SODA NITRATE—7,869,000 kilos, Fernciffe, Antofagasta
SULPHATE—130 dms, Fluorspar, Rotterdam
TAPIOCA FLOUR—2,736 bgs, Tabian, Sourabaya
2,501 bgs, Tabian, Cheribon
250 bgs, Tabian, Batavia

Tacoma Imports

POTASH MURIATE—250 sks, Wilson & George Meyer & Co, Este, Hamburg
SULPHATE—250 sks, Wilson & George Meyer & Co, Este, Hamburg

Tampa Imports

COCONUTS—12,200, W M Delphia, Roatan 9,000, General Tosta, Belize
OIL, OLIVE—315 cs, 5 dms, Nishmaha, Cadiz
SOAP LOTION & PERFUMERY—2 ctns, Cuba, Havana
TOILET PREP—2 ctns, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Amapala, September 9; American Trader, September 9; Arimasan, September 9; Astri, September 12; Astrid, September 9; Batory, September 9; Berlin, September 13; Black Falcon, September 15; Brand, September 9; Bremen, September 9; Britannic, September 2; Cingalese Prince, September 9; Clan Macindoe, September 10; Drottningholm, August 8; Extavia, September 2; Gerolstein, September 9; Irisbank, September 7; Jean Jadot, September 10; Kungsholm, September 13; Manhattan, September 6; Mormactide, September 9; Paris, September 12; Pilsudski, September 15; Porto Rico, September 10; Rex, September 9; Samaria, September 9; Scythia, August 19; Sheridan, September 9; Southern Cross, September 9; Stavangerfjord, September 2; Steel Mariner, August 31; Transylvania, September 13; Volendam, September 9; Vulcania, September 6; West Lashaway, September 8; Westernland, September 2

ACETONE — 2,478 lbs, Stavangerfjord, Oslo; 6,624 lbs, Black Falcon, Rotterdam
ACID, STEARIC—4,220 lbs, Clan Macindoe, East London; 4,019 lbs, Vulcania, Naples
SULPHURIC—18,146 lbs, Santa Maria, Talara
ALCOHOL—(Mormactide) 1,000 gls, Helsingfors; 500 gls, Abo; 1,000 gls, Wiborg
ISOPROPYL—110 gls, Mormactide, Gothenburg
ALUMINA CHLORIDE, ANHYDR—1,110 lbs, Volendam, Amsterdam
SULPHATE — 42,400 lbs, Brand, Caripito; 1,995 lbs, Sheridan, Para
ANTI FREEZE COMP—543,750 lbs, Scythia, Liverpool
ANTIMONY REGULUS — 48,000 lbs, Arimasan, Osaka
ASPHALT—402,810 lbs, Clan Macindoe, Durban; 14,853 lbs, Irisbank, Iloilo; 5,916 lbs, Samaria, Liverpool
LIQUID—11,266 lbs, American Trader, London
SOLID—52,295 lbs, Scythia, Liverpool
BLUE, ALKALI, BASE—16,163 lbs, American Trader, London
ULTRAMARINE—5,121 lbs, Southern Cross, Buenos Aires
BUTYL ACETATE — 12,376 lbs, Jean Jadot, Antwerp; 7,514 lbs, Mormactide, Stockholm; (Black Falcon) 14,994 lbs, Antwerp; 7,497 lbs, Rotterdam
CALISAYA BARK—17,666 lbs, Volendam, Rotterdam
CASCARA BARK, UNGRD—2,240 lbs, Black Falcon, Antwerp
CEMENT, RUBBER—4,451 lbs, Southern Cross, Buenos Aires
CHEMICALS—5,374 lbs, Gerolstein, Antwerp; 3,036 lbs, Stavangerfjord, Oslo; 1,476 lbs, Astri, Rio Janeiro; 732 lbs, Westernland, Antwerp; 2,219 lbs, 1,447 lbs, Black Falcon, Antwerp; 4,314 lbs, Samaria, Liverpool
CLAY—33,600 lbs, Kungsholm, Gothenburg
CLEANER—6,015 lbs, Clan Macindoe, Capetown; 16,200 lbs, Irisbank, Manila
COALTAR INTERMEDIATES — 1,342 lbs, American Trader, London
COLOR, DRY—17,521 lbs, Irisbank, Manila
CORN SUGAR—24,360 lbs, Black Falcon, Antwerp; 3,330 lbs, Irisbank, Shanghai
SYRUP—37,783 lbs, Kungsholm, Helsingborg
DIBUTYL PHTHALATE—1,539 lbs, Black Falcon, Antwerp
DICHLORODIFLUOROMETHANE—16,328 lbs, Britannic, London
DYES—11,812 lbs, Jean Jadot, Antwerp; 828 lbs, Mormactide, Gothenburg; 1,544 lbs, Manhattan, Reichenberg; 1,863 lbs, Black Falcon, Antwerp
ETHER, ISOPROPYL—1,158 lbs, American Trader, London
ETHYL ACETATE—17,603 lbs, Porto Rico, Ponce
FLUID—2,200 gls, Mormactide, Gdynia; 13,750 gls, Berlin, Bremen
FERTILIZER—303,000 lbs, West Lashaway, Marshall
FLUE DUST—64,060 lbs, Manhattan, Hamburg; 18,975 lbs, Bremen, Bremen
GASOLINE—(Clan Macindoe) 12,500 gls, Pt Galet; 18,000 gls, Port Louis; 250 gls, Sheridan, Leticia
GLUCOSE—600 lbs, Irisbank, Manila
GLUE, DRY—305 lbs, Porto Rico, San Juan
GLYCERIN SUBSTITUTE—7,446 lbs, Westernland, Antwerp
GREASE, LUBRICATING — (Clan Macindoe) 5,349 lbs, Port Elizabeth; 54,186 lbs, Durban; 56,789 lbs, Lourenco Marques; 7,735 lbs, Transylvania, Glasgow; 2,520 lbs, Kungsholm, Gothenburg; 1,726 lbs, Stavangerfjord, Oslo; (Vulcania) 2,369 lbs, Trieste; 35,708 lbs, Piume; 378 lbs, Extavia, Piraeus; (Mormactide) 11,679 lbs, Esbjerg; 2,451 lbs, Stockholm; 577 lbs, Helsingfors; (Astri) 10,020 lbs, Rio de Janeiro; 8,514 lbs, Buenos Aires; (West Lashaway) 1,330 lbs, Port Bouet; 1,330 lbs, Port Gentil; (Paris) 880 lbs, Dunkirk; 48,166 lbs, Havre; 3,640 lbs, Bordeaux; (Manhattan) 5,226 lbs, Asniers; 30,310 lbs, Havre; 26,373 lbs, American Trader, London; 69,332 lbs, Scythia, Liverpool; 15,675 lbs, Cingalese Prince, Cebu; 49,929 lbs, Britannic, London; 1,800 lbs, Bremen, Accra; 32,449 lbs, Samaria, Liverpool
HEMLOCK EXTRACT — 37,256 lbs, Scythia, Liverpool
INDIGO PASTE—5,698 lbs, Black Falcon, Antwerp
INFUSORIAL EARTH — 55,100 lbs, Batory, Gdynia
INK, PRINTING—12,804 lbs, Irisbank, Manila
INSECTICIDE — 16,500 lbs, Clan Macindoe, Durban
AGRICULTURAL — (Mormactide) 20,961 lbs, Helsingfors; 2,857 lbs, Viborg; 2,837 lbs, Rauma; 2,457 lbs, Samaria, Liverpool; 7,345 lbs, Southern Cross, Rio de Janeiro
ISOPROPYL ACETATE—2,580 lbs, Black Falcon, Antwerp
KEROSENE—(Clan Macindoe) 1,000 gls, Durban; 10,250 gls, Point Galet; 1,000 gls, Sheridan, Leticia; 1,650 gls, West Lashaway, San Thome; 30,000 gls, Cingalese Prince, Manila
LACQUER—11,996 lbs, Southern Cross, Rio de Janeiro
LARD—30,442 lbs, Jean Jadot, Antwerp; (Porto Rico) 3,926 lbs, Aguadilla; 3,925 lbs, Joboe; 4,988 lbs, Transylvania, Glasgow; 59,877 lbs, Pilsudski, Gdynia; (Mormactide) 191,463 lbs, Gdynia; 45,750 lbs, Prague; 6,200 lbs, Westernland, Southampton; 80,138 lbs, American Trader, London; 118,829 lbs, Scythia, Liverpool
LEAD, ARSENATE — 25,088 lbs, Southern Cross, Buenos Aires
BLUE—(Kungsholm) 8,036 lbs, Gothenburg; 4,728 lbs, Stockholm
LINSEED CAKE—1,892,537 lbs, Jean Jadot, Antwerp; 680,325 lbs, Westernland, Antwerp; 675,348 lbs, Manhattan, Havre; 3,907,770 lbs, Black Falcon, Antwerp
LUBRICANTS—21,727 lbs, Volendam, Rotterdam
MAGNESIA, CHLORIDE — 2,959 lbs, Black Falcon, Antwerp
METAL—(Arimasan) 67,036 lbs, Yokohama; 156,621 lbs, Kobe; 2,212 lbs, Pilsudski, Gdynia
METHANOL—165 gls, Black Falcon, Rotterdam
NAPHTHA—(Clan Macindoe) 70,000 gls, Point Galet; 60,000 gls, Port Louis; (West Lashaway) 10,000 gls, Dakar; 10,000 gls, Conakry; 1,000 gls, Freetown; 1,000 gls, Marshall; 5,500 gls, Apapa; 19,250 gls, San Thome; 5,250 gls, Libreville; 2,000 gls, Point Noire
OIL, DIESEL—(West Lashaway) 550 gls, Dakar; 275 gls, Conakry; 1,100 gls, Port Bouet; 2,750 gls, Takoradi; 4,125 gls, Winnebah; 275 gls, Cotonou; 550 gls, Port Harcourt; 4,575 gls, Duala
FISH—2,453 lbs, American Trader, London
HALIBUT—630 lbs, Britannic, London
LUBRICATING—1,100 gls, Brand, Barbados; (Steel Mariner) 2,475 gls, Jeddah; 1,125 gls, Baghdad; 550 gls, Jean Jadot, Antwerp; (Santa Maria) 2,090 gls, Mazatlan; 2,915 gls, Antofagasta; 2,750 gls, Valparaiso; 1,925 gls, Puntarenas; (Clan Macindoe) 825 gls, Capetown; 4,575 gls, Port Elizabeth; 550 gls, East London; 8,255 gls, Durban; 11,425 gls, Point Galet; 5,880 gls, Port Louis; 5,210 gls, Astrid, Stockholm; 2,040 gls, Transylvania, Glasgow; (Gerolstein) 1,344 gls, Brussels; 162 gls, Antwerp; (Kungsholm) 1,830 gls, Gothenburg; 1,825 gls, Malmo; 330 gls, Stockholm; 11,172 gls, Pilsudski, Gdynia; 1,100 gls, Volendam, Rotterdam; (Stavangerfjord) 11,850 gls, Bergen; 6,880 gls, Oslo; (Vulcania) 1,180 gls, Lisbon; 990 gls, Algiers; 1,260 gls, Venice; 7,896 gls, Trieste; 712 gls, Durazzo; 9,075 gls, Fiume; 770 gls, Drottningholm, Malmo; (Extavia) 13,475 gls, Piraeus; 5,900 gls, Istanbul; 15,349 gls, Rex, Genoa; (Mormactide) 4,200 gls, Copenhagen; 2,100 gls, Czechoslovakia; 825 gls, Helsingfors; 1,375 gls, Abo; 1,100 gls, Sheridan, Iquitos; (Astri) 750 gls, Rio Janeiro; 4,950 gls, Buenos Aires; (West Lashaway) 3,550 gls, Dakar; 550 gls, Conakry; 825 gls, Freetown; 350 gls, Port Bouet; 200 gls, Takoradi; 18,370 gls, Accra; 15,765 gls, Lagos; 1,675 gls, Port Gentil; 22,900 gls, Matadi; (Westernland) 11,298 gls, Antwerp; 550 gls, Berne; (Paris) 13,185 gls, Havre; 550 gls, St Nazaire; 6,105 gls, Dunkirk; 2,630 gls, Bordeaux; 4,862 gls, Manhattan, Havre; 1,485 gls, American Trader, London; (Scythia) 889 gls, Liverpool; 3,850 gls, Calcutta; (Cingalese Prince) 1,090 gls, Manila; 1,375 gls, Cebu; (Irisbank) 1,425 gls, Manila; 6,050 gls, Hongkong; 27,735 gls, Britannic, London; (Samaria) 1,430 gls, Telpung; 3,720 gls, Liverpool; 1,260 gls, Birkenhead; 1,100 gls, Southern Cross, Santos
NEATSFOOT — 2,436 lbs, Stavangerfjord, Oslo; 1,439 lbs, Westernland, Antwerp
OLEO—18,813 lbs, Transylvania, Glasgow; 7,102 lbs, Stavangerfjord, Oslo; 23,559 lbs, Drottningholm, Gothenburg; 33,376 lbs, Scythia, Liverpool; (Black Falcon) 14,070 lbs, Antwerp; 46,497 lbs, Rotterdam; 21,205 lbs, Samaria, Liverpool
PALMAROSA—604 lbs, Volendam, Rotterdam
PEPPERMINT—2,283 lbs, American Trader, London; 253 lbs, Britannic, London
PINE—27,102 lbs, Arimasan, Kobe
TRANSFORMER—840 cyls, Britannic, London
WORMSEED—1,255 lbs, American Trader, London
PAINT—1,839 lbs, Porto Rico, San Juan; 19,440 lbs, Clan Macindoe, Port Elizabeth; 4,099 lbs, Gerolstein, Antwerp; 2,346 lbs, Stavangerfjord, Oslo; 37,226 lbs, Westernland, Antwerp; 10,465 lbs, Black Falcon, Antwerp; 2,370 lbs, Southern Cross, Buenos Aires; 1,147 lbs, Berlin, Helsingfors
LIQUID—1,714 lbs, Kungsholm, Malmo
THINNER—(Clan Macindoe) 1,250 gls, Capetown; 450 gls, Port Elizabeth; 700 gls, East London; 29,750 gls, Durban; 12,500 gls, Lourenco Marques; 850 gls, Beira; 3,300 gls, Mormactide, Stockholm; 1,925 gls, American Trader, London
PARAFFIN—6,060 lbs, Brand, Port Spain; (Santa Maria) 72,886 lbs, Buenaventura; 22,151 lbs, Mollendo; 15,216 lbs, Astrid, Stockholm; 20,424 lbs, Drottningholm, Gothenburg; (Mormactide) 28,946 lbs, Copenhagen; 56,518 lbs, Helsingfors; 42,466 lbs, Westernland, Antwerp; 562,003 lbs, Black Falcon, Antwerp; 113,212 lbs, Britannic, London; 60,806 lbs, Samaria, Liverpool
REFINED—11,122 lbs, Rex, Genoa
SCALE—24,399 lbs, Transylvania, Glasgow; 12,239 lbs, Mormactide, Copenhagen; 9,824 lbs, Black Falcon, Antwerp
PETROLATUM, MEDICINAL—5,080 lbs, Rex, Naples; 13,100 lbs, Southern Cross, Buenos Aires
PETROLEUM, REFD—(Clan Macindoe) 18,000 gls, Point Galet; 81,500 gls, Port Louis; 30,000 gls, Amapala, Kingston; (West Lashaway) 5,000 gls, Conakry; 1,000 gls, Freetown; 2,500 gls, Libreville; 4,000 gls, Port Gentil; 4,000 gls, Point Noire; 23,000 gls, Matadi
PHOSPHATE—17,655 lbs, Brand, Guira
POTASH, BICHROMATE—4,558 lbs, Extavia, Piraeus
RESIN, COALTAR—2,222 lbs, Samaria, Liverpool
SYNTHETIC—910 lbs, American Trader, London; 1,870 lbs, Scythia, Liverpool; 3,520 lbs, Samaria, Liverpool
SOAP—(Porto Rico) 1,375 lbs, Aguadilla; 21,280 lbs, Mayaguez; 6,012 lbs, Cingalese Prince, Manila
LAUNDRY—11,500 lbs, West Lashaway, Marshall
LIQUID—2,100 lbs, Black Falcon, Antwerp
POWDER—11,610 lbs, Scythia, Liverpool
TOILET—34,000 lbs, Volendam, Rotterdam
SODA, ASH—1,524 lbs, Gerolstein, Brussels; 5,526 lbs, Southern Cross, Rio Janeiro
BICHROMATE—4,730 lbs, Sheridan, Bahia
BROMIDE—1,330 lbs, Drottningholm, Gothenburg
CAUSTIC—17,925 lbs, Porto Rico, Mayaguez; 143,301 lbs, Astri, Santos; 85,575 lbs, Cingalese Prince, Hongkong
CYANIDE—(Santa Maria) 4,515 lbs, Tumaco; 16,550 lbs, Callao
HYPOSULPHITE — 6,012 lbs, Cingalese Prince, Manila
STARCH, CORN—2,846 lbs, Clan Macindoe, East London; (Kungsholm) 22,560 lbs, Stockholm; 11,280 lbs, Landskrona; 31,750 lbs, American Trader, London; 1,150 lbs, Irisbank, Hongkong
STEARIN, OLEO—5,289 lbs, Samaria, Liverpool
TANNING EXTRACT—(Clan Macindoe) 7,518 lbs, Capetown; 23,462 lbs, Port Elizabeth
MATERIAL—23,340 lbs, Southern Cross, Rio de Janeiro
TITANIUM PIGMENT—5,008 lbs, Southern Cross, Rio de Janeiro
TOILET PREPS—137,594 lbs, Volendam, Amsterdam
TURPENTINE—(Clan Macindoe) 1,410 gls, Capetown; 300 gls, Port Elizabeth; 1,100 gls, East London; 2,000 gls, Lourenco Marques; 500 gls, Beira
VARNISH—1,663 lbs, Astri, Rio de Janeiro; 1,034 lbs, Black Falcon, Antwerp
INSULATING—4,526 lbs, Arimasan, Yokohama
VEGETABLE COMP—17,616 lbs, Scythia, Liverpool
WATERPROOF COMP—9,001 lbs, Britannic, London
WITCH HAZEL EXTRACT—4,936 lbs, Manhattan, Havre
ZINC DUST—14,196 lbs, West Lashaway, Takoradi

Baltimore Exports

Clearance Dates

Beemsterdijk, September 15; Black Osprey, September 22; Liberty, September 13; Manchester Exporter, September 16; Mangalore, September 21; Nyhaug, September 15; Neptuno, September 17; Quaker City, September 17; San Simeon, September 13; Silverteak, September 14; Svaneholm, September 19

ACID, CHROMIC — 6,600 lbs, Black Osprey, Antwerp
AMYL ACETATE—11,116 lbs, Black Osprey, Bruxelles
ASBESTOS REFUSE—8,800 lbs, Liberty, Hamburg
ASPHALT—(Liberty) 5 tons, Copenhagen; 6 tons, Bergen
SOLID — 228,288 lbs, Manchester Exporter, Liverpool; 115,591 lbs, Quaker City, Liverpool
BLUE VITRIOL—5,050 lbs, Neptuno, Havana
CEMENT, ASBESTOS — 10,000 lbs, Neptuno, Cardenas
COLOR, DRY—50 lbs, Manchester Exporter, Manchester
COPRA CAKE—100 tons, Liberty, Havre
ETHYL CHLORCARBONATE — 149 lbs, Liberty, London
GLASS FRIT, CRSHD—20,000 lbs, Manchester Exporter, Manchester
GREASE, LUBRICATING—56,000 lbs, Liberty, London; (San Simeon) 1,560 lbs, Nicaragua; 775 lbs, Salvador; 6,300 lbs, Chile; 6,822 lbs, Beemsterdijk, Rotterdam; (Svaneholm) 2,984 lbs, Helsingfors; 12,164 lbs, Stockholm; 32,899 lbs, Black Osprey, Antwerp
INSECTICIDE CONCENTRATE—90 lbs, Liberty, Geneva
IRON, SAND—(Svaneholm) 44,800 lbs, Stockholm; 44,800 lbs, Oslo
LACQUERS — 161 gls, Manchester Exporter, Salford
LICORICE PASTE—270 lbs, Beemsterdijk, Amsterdam
LOGWOOD EXTRACT—5,600 lbs, Mangalore, London
OCHER, IN OIL—10,000 lbs, San Simeon, Cristobal
OIL, LUBRICATING—576 bbls, Beemsterdijk, Rotterdam; 497 bbls, Manchester Exporter, Liverpool; 62 bbls, Mangalore, London
PAINT—30 gls, Liberty, London
PARAFFIN, CRUDE—49,056 lbs, Liberty, Oslo
PETROLEUM, MINERAL—5,400 gls, Quaker City, Manchester
POLISH, AUTO—310 gls, Liberty, London
PORCELAIN ENAMEL FRIT — 1,080 lbs, Svaneholm, Oslo
POTASH BICHROMATE — 3,020 lbs, Liberty, Memel
RUTILE—4,400 lbs, Liberty, Hamburg; 2,240 lbs, Quaker City, Liverpool
SMALTZ, YELLOW — 1,400 lbs, Silverteak, Manila
SODA, BICHROMATE—4,400 lbs, Liberty, Memel; 44,800 lbs, Quaker City, Manchester
NITRATE—150,000 lbs, Nyhaug, Canada
SUPERPHOSPHATE—2,500 tons, Nyhaug, Sorrel
TANNING EXTRACT—630 lbs, Beemsterdijk, Amsterdam
TITANIUM LITHOPONE — 2,400 lbs, Quaker City, Glasgow
VARNISH, SPAR—4,975 gls, San Simeon, Cristobal

Beaumont Exports

Clearance Dates

Motrix, September 21; Permian, September 21; Ruth Lykes, September 18; Voco, September 21

OIL, LUBRICATING—26,147 bbls, Voco, Hamburg
PETROLEUM, CRUDE—99,472 bbls, Permian, Buenos Aires; 68,915 bbls, Motrix, Havre
POTASH, MURIATE—500 bgs, Ruth Lykes, San Juan

Boston Exports

Clearance Dates

Alta C, September 13; American Shipper, September 11; Barbarigo, September 18; Binnendijk, September 15; Black Heron, September 17; City of Flint, September 12; Evangeline, September 14, 16, 19 and 21; Foylebank, September 21; Kinai, September 14; Lady Hawkins, September 24; Lady Nelson, September 10; Makalla, September 19; Newfoundland, September 17; Samaria, September 10; Scythia, September 18; Tiradentes, September 14; Transylvania, Tunaholm, September 21; Yarmouth, September 12, 16 and 19

ACID, BORIC—1 bg, 100 lbs, Evangeline, Yarmouth
ALUMINA OXIDE—289 bgs, 79 bgs, 49,987 lbs, Makalla, London
SULPHATE—100 tons, Alta C, Brooklyn, N S
AMMONIA, ANHYDR—150 cyls, 22,500 lbs, Kinai, Port Marshall
ASBESTOS FIBER—507 bgs, 51,207 lbs, Barbarigo, Italy
BLUE, LAUNDRY—1 cs, 60 lbs, Evangeline, Halifax
BRISTLES—10 cs, 1,083 lbs, Yarmouth, St John, N B
CEMENT, CAN—10 dms, 4,567 lbs, Scythia, Capetown
CANVAS—4 ctns, 32 lbs, Evangeline, Halifax
RUBBER—2 dms, 1 cs, Newfoundland, St John's, N F
CLAY—210 bbls, 25 tons, Makalla, London
CLEANER—25 cs, 300 lbs, Evangeline, Halifax
COCOA CAKE—1,110 bgs, 78 tons, Tiradentes, Amsterdam; 685 bgs, 130,360 lbs, Black Heron, Amsterdam
WASTE—12 bgs, 1,528 lbs, Binnendijk, Amsterdam
COPPERAS—14 dms, 5,040 lbs, American Shipper, Liverpool
DISINFECTANT—2 bbls, 100 gls, Newfoundland, St John's, N F
DRESSING, LEATHER—1 bbl, 2 kgs, 3 dms, 3 cs, 576 lbs, Newfoundland, St John's, N F; 10 dms, 500 gls, Makalla, London
SHOE—14 bbls, 12 cans, 8,000 lbs, Scythia, Leicester; 4 cs, 1 crtn, 275 lbs, Scythia, Capetown
FINISH, LEATHER—2 dms, 895 lbs, City of Flint, Czechoslovakia
FISHMEAL—1,000 bgs, 110,000 lbs, Binnendijk, Rotterdam
GAS—3 cyls, 63 lbs, Evangeline, Halifax
GLUE—1 bx, 60 lbs, City of Flint, Lanskrona
MARINE—7 tins, 105 lbs, Evangeline, Halifax
GREASE, LUBRICATING — 3 crtns, 75 lbs, Yarmouth, Saint John, N B; 6 pkgs, 340 lbs, Scythia, Liverpool
INK, PRINTING—150 dms, 66,432 lbs, City of Flint, Dundee; 100 dms, 44,477 lbs, American Shipper, Manchester; 250 dms, 109,689 lbs, Transylvania, Glasgow; 1 cs, 26 lbs, Yarmouth, Loggieville, N B
WRITING—2 pkgs, Lady Nelson, Hamilton
INVALID'S FOOD—2 cs, 360 lbs, Lady Nelson, Hamilton
LACQUER—12 dms, 4,800 lbs, Black Heron, Wiltz, Luxembourg
LARD—350 bxs, 9,800 lbs, Scythia, Liverpool; 550 bxs, 70 trcs, 41,434 lbs, Makalla, London; (City of Flint) 1,750 bxs, 77,000 lbs, London; 200 bxs, 8,400 lbs, Leith; 75 bxs, 3,500 lbs, Dundee; 2,260 bxs, 124,300 lbs, Czechoslovakia; 2,250 bxs, 77,000 lbs, Samaria, Liverpool; 200 bxs, 5,600 lbs, Transylvania, Glasgow
LINING COMP—(City of Flint) 65 dms, 2,990 lbs, Hamburg; 2 dms, 953 lbs, Malmo; 10 dms, 4,610 lbs, Odense; 85 dms, 9,622 lbs, Copenhagen; (Black Heron) 41 dms, 6,803 lbs, Antwerp; 2 dms, 1,003 lbs, Rotterdam
LITHARGE—2 cs, 200 lbs, Newfoundland, St John's, N F
MEDICINAL PREPS—(Lady Nelson) 23 crtns, 562 lbs, Georgetown, B G; 1 cs, Hamilton; 500 bxs, 2,500 gls, City of Flint, London; 1 cs, Newfoundland, St John's, N F; 800 bxs, 4,000 gls, Makalla, London; 22 crtns, 503 lbs, Lady Hawkins, Bridgetown
MICA, GRD—60 bgs, 6,000 lbs, City of Flint, London
MOLASSES—40 bbls, 2,200 gls, Tiradentes, Rotterdam
OIL, CASTOR, SULPHONATED—24 bbls, 1,263 gls, Black Heron, Rotterdam
LUBRICATING—6 cs, 110 gls, Scythia, Liverpool; 2 cs, 30 gls, Samaria, Liverpool; 50 dms, Yarmouth, Saint John, N B
TANNING—6 bbls, 2,385 lbs, Samaria, London
TROUGH—3 dms, 165 gls, Lady Nelson, Hamilton
VEGETABLE—6 dms, 2,125 lbs, Samaria, Liverpool
PAINT—6 dms, 5 cs, 370 gls, Newfoundland, St John's N F
PARAFFIN—5 bgs, 1,100 lbs, City of Flint, Tallinn, Esthonia; 10 dms, 650 lbs, City of Flint, Walsall
PASTE, ADHES—(City of Flint) 17 dms, 798 lbs, Ystad, Sweden; 50 dms, 2,750 lbs, London
POLISH, SHOE—10 cs, 850 lbs, Scythia, Leicester; 2 bxs, 52 lbs, Evangeline, Halifax; 5 bxs, 215 lbs, Yarmouth, Moncton
RESIN—2 dms, 800 lbs, Tunaholm, Stockholm
SHELLAC—25 bgs, 4,100 lbs, City of Flint, London
SOAP, TAR—700 cs, 23,125 lbs, Foylebank, Manila
TOILET—2,000 cs, 55,000 lbs, Foylebank, Manila
SODA, PHOSPHATE—3 bbls, 975 lbs, Yarmouth, Saint John, N B
SULPHATE—10 bbls, Yarmouth, Saint John, N B
TANNING FINISH—8 bbls, 3,881 lbs, American Shipper, Leeds
TURPENTINE, GUM—9 bbls, 454 gls, Evangeline, Yarmouth; 5 dms, 275 gls, Newfoundland, Halifax
VARNISH—9 cs, 63 gls, Newfoundland, St John's, N F
WAX, SHOE—2 crtns, and 2 bbls, 399 lbs, Newfoundland, St John's, N F
YEAST—(Lady Hawkins) 2 dms, 100 lbs, St Vincent; 20 dms, 1,000 lbs, Port of Spain
COMPRESSED—(Lady Hawkins) 4 crtns, 14 lbs, Hamilton; 38 cs, 2,153 lbs, Bridgetown; 23 cs, 1,285 lbs, St Vincent; 17 cs, 938 lbs, St Kitts; 59 cs, 1,785 lbs, Port of Spain

Corpus Christi Exports

Clearance Dates

Harald Brovig, September 3; Henry Desprez, September 2; Lubrafol, September 3; Omphale, August 17; Orion, September 3; Pluvoise, September 3; Regulus, September 11; Strinda, September 7; Thelma, September 5

GASOLINE—5,764 bbls, Henry Desprez, Havre; 5,290 bbls, Harald Brovig, Havre
OIL, FUEL—41,015 bbls, Lubrafol, Gothenburg
PETROLEUM, CRUDE—64,145 bbls, Omphale, Donges; 105,345 bbls, Henry Desprez, Havre; 97,314 bbls, Orion, Port de Bouc; 102,899 bbls, Pluvoise, Port de Bouc; 106,134 bbls, Harald Brovig, Havre; 30,358 bbls, Lubrafol, Gothenburg; 88,371 bbls, Thelma, Trieste; 120,386 bbls, Strinda, Montreal; 63,093 bbls, Regulus, Lands End, England

Galveston Exports

Clearance Dates

Baron Vernon, September 14; Dakarian, September 19; Delplata, September 14; Eglantine, September 17; Endicott, September 20; Evita, September 19; Ferndale, September 20; Idarwald, September 17; Ruth Lykes, September 17; Maria, September 14; Narbo, September 15; Margaret Lykes, September 16; Ostende, September 14; Samso, September 19; Sheaf Holme, September 19; Vasaholm, September 16; West Cohas, September 17

ASPHALT—28 tons, Narbo, Havre
BLACK, CARBON—(Narbo) 2 tons, Havre; 18 tons, Antwerp; (Vasaholm) 15 cs, 112 bgs, Oslo; 170 cs, 200 bgs, Copenhagen; 11 cs, Gdynia; 50 cs, Stockholm; 300 bgs, Dakarian, Manchester; 97 bgs, Ferndale, Yokohama
COTTONSEED MEAL—300 tons, Ostende, Antwerp
GASOLINE—8,830 tons, Evita, Dalny, Manchukuo
PETROLEUM PRODUCTS—(Margaret Lykes) 2 tons, Chanaral; 2 tons, Antofagasta; 4 tons, Arica
POTASH—50 tons, Ruth Lykes, San Juan
MURIATE—2,000 tons, Samso, Windsor, N S
SULPHUR — 3,000 tons, Delplata, Buenos Aires; 5,500 tons, Baron Vernon, Capetown; 15 tons, Idarwald, Hamburg; 26 tons, Ruth Lykes, Humacao; (Eglantine) 1,700 tons, London; 1,250 tons, Hull; 1,300 tons, West Cohas, Manchester; (Sheaf Holme) 4,100 tons, Banbury; 4,100 tons, Geralton; 2,500 tons, Endicott, Marseilles
REFINED—1,200 bgs, Maria, Trieste

Houston Exports

Clearance Dates

Aachen, September 17; Arimisan, September 20; Margaret Lykes, September 14: 20; Barbro, September 16; Hildefjord, September 19; Idarwald, September 16; Josefina Thorden, September 14; Kiyokawa, September 20; Mamura, September 20; Margaret Lykes, September 14; Vasaholm, September 15

BLACK, CARBON—(Vasaholm) 165 cs, 1,763 bgs, Gothenburg; 200 bgs, 170 cs, Copenhagen; 2,240 bgs, Gdynia; (Idarwald) 100 tons, Bremen; 75 tons, Hamburg; 100 tons, Aachen, Bremen-Hamburg; (Arimisan) 200 cs, Yokohama; 300 cs, Kobe; 150 cs, Osaka; 1,000 cs, Yokohama, Osaka, Kobe; (Kiyokawa) 60 tons, Yokohama; 120 tons, Kobe

COTTONSEED MEAL—(Margaret Lykes) 1,200 tons, Havana; 60 bgs, Cristobal

GASOLINE—94,000 bbls, Hildefjord, Curacao

OIL—99 dms, Margaret Lykes, Cristobal

GAS—3,000 tons, Josefina Thorden, Manchester; 5,500 tons, Barbro, Slamsund, Tromso

PAINT MATERIALS—4 pkgs, Margaret Lykes, Havana

PARAFFIN—200 bgs, Margaret Lykes, Cristobal

SULPHUR—350 bgs, Margaret Lykes, Havana

PETROLEUM, CRUDE—11,845 tons, Mamura, Montreal

Lake Charles Exports

Clearance Dates

Dryden, September 13; Poseidone, September 16; Tillie Lykes, September 10

LARD—(Tillie Lykes) 50 cans, Arroyo; 208 pkgs, Arecibo; 225 cans, Aguadilla; 125 cans, Ponce; 575 tins, Mayaguez

PETROLEUM, CRUDE—71,738 bbls, Poseidone, Fiume

ROSIN—100 bbls, Dryden, London

TURPENTINE—2 dms, Tillie Lykes, Ponce

Los Angeles Exports

Clearance Dates

Berganger, September 10; City of Athens, September 8; Delftdijk, September 12; Djambi, September 12; Frank G Drum, September 15; Hardanger, September 8; Kansas, August 18; Kingsley, September 8; Kiyo, September 10; Loch Avon, September 10; Margrethe Bakke, September 10; Mariposa, September 14; Mojave, September 14; Nissin, September 15; Norden, September 4; Providencia, September 10; San Ambrosia, September 11; Silverash, September 12; Talisse, September 2; Toa, September 15; Toulouse, September 13; Yamazuki, September 10

ACETONE—185 dms, 66,240 lbs, Delftdijk, Amsterdam

ACID, BORIC—40 bgs, 4,480 lbs, Talisse, Madras; (Mariposa) 65 bgs, 7,280 lbs, Melbourne; 80 bgs, 8,960 lbs, Sydney; 30 bgs, 3,360 lbs, Auckland; 200 bgs, 22,400 lbs, Delftdijk, Amsterdam

SULPHURIC—25 cbys, 4,450 lbs, Toulouse, Manila

ALCOHOL, ANHYD—62 dms, 22,200 lbs, Delftdijk, Amsterdam

BUTYL—108 dms, 39,860 lbs, Toulouse, Yokohama; 60 dms, 22,140 lbs, Delftdijk, Amsterdam

ISOPROPYL—10 dms, 3,580 lbs, Hardanger, Buenos Aires

BORAX—980 bgs, 110,320 lbs, Berganger, Antwerp; (Djambi) 300 bgs, 33,600 lbs, Larachi; 20 bgs, 2,240 lbs, Navlakhi; 50 bgs, 5,600 lbs, Bombay; (Mariposa) 870 bgs, 97,440 lbs, Melbourne; 90 bgs, 10,080 lbs, Sydney; 20 bgs, 2,240 lbs, Hobart; 20 bgs, 2,240 lbs, Auckland; (Delftdijk) 600 bgs, 67,200 lbs, Glasgow; 3,000 bgs, 336,000 lbs, Liverpool; (Toulouse) 1,320 bgs, 147,840 lbs, Yokohama; 520 bgs, 58,240 lbs, Osaka

CLAY—100 bgs, 11,200 lbs, Norden, Cartagena; 4,400 bgs, 220,000 lbs, Hardanger, Buenos Aires; 600 bgs, 60,000 lbs, Delftdijk, Suez

FILTER—940 sx, 52,640 lbs, Kingsley, Vancouver; (Mariposa) 200 sx, 10,000 lbs, Melbourne; 60 sx, 6,720 lbs, Auckland

CLEANER—1,280 lbs, City of Athens, Shanghai; 50 cs, 2,650 lbs, Silverash, Manila; 1,460 lbs, Mariposa, Melbourne

CYANIDE—31,760 lbs, City of Athens, Manila

ETHYL KETONE—428 dms, 156,630 lbs, Toulouse, Yokohama; 31 dms, 11,380 lbs, Delftdijk, Amsterdam

GASOLINE—91,225 bbls, 23,809,730 lbs, San Ambrosio, Lizard; 4,700 bbls, 1,226,700 lbs, Mojave, Ketchikan; 50 dms, 16,700 lbs, Providencia, Santa Rosalia

AVIATION—10 dms, 16,000 lbs, Mojave, Ketchikan

ETHYL—50 dms, 16,000 lbs, Mojave, Ketchikan; 500 dms, 160,270 lbs, Silverash, Manila

GINSING ROOT—3,556 bbls, 1,006,350 lbs, Toulouse, Hongkong

GREASE, LUBRICATING—18 pkgs, 1,440 lbs, Talisse, Sourabaya; 28 pls, 10 cs, 1,190 lbs, Mojave, Ketchikan

GUM, CHICLE—226 bbls, 62,080 lbs, Mariposa, Sydney

GYPSUM—1,000 bgs, 100,800 lbs, Mariposa, Auckland

INFUSORIAL EARTH—200 bgs, 20,000 lbs, City of Athens, Manila; (Berganger) 140 bgs, 11,200 lbs, London; 538 bgs, 55,150 lbs, Antwerp; 220 bgs, 22,000 lbs, Amsterdam; 45 bgs, 4,570 lbs, Margrethe Bakke, London; 20 bgs, 2,000 lbs, Loch Avon, Vancouver; 564 bgs, 56,380 lbs, Talisse, Bombay; 588 bgs, 48,510 lbs, Toulouse, Manila; 451 bgs, 45,100 lbs, Mariposa, Sydney; 45 bgs, 4,540 lbs, Delftdijk, Glasgow; 486 bgs, 44,710 lbs, Delftdijk, Liverpool

KEROSENE—3,000 cs, 255,000 lbs, City of Athens, Manila; 25 dms, 9,120 lbs, Mojave, Ketchikan; 2,000 cs, 170,000 lbs, Djambi, Manila

DISTILLATE—3,556 bbls, 1,006,350 lbs, Toulouse, Hongkong

LACQUER, NITROCELLULOSE — 260 lbs, Talisse, Bombay

THINNER—480 lbs, Talisse, Bombay

OIL, COTTONSEED, FLAKE—313 bgs, 50,080 lbs, Djambi; Manila

DIESEL—9,921 bbls, 3,095,350 lbs, Talisse, Porto Barrios; 6,600 bbls, 2,059,200 lbs, Mojave, Ketchikan; 8,501 bbls, 2,652,310 lbs, Djambi, Bombay; 22,581 bbls, 7,045,270 lbs, Nissin, Osaka; 7,711 bbls, 2,405,830 lbs, Frank G Drum, Corinto

FUEL—7,888 bbls, 2,626,700 lbs, Kingsley, Vancouver; 9,000 bbls, 2,997,000 lbs, Mojave, Ketchikan; 78,493 bbls, 16,138,170 lbs, Toa, Kobe; (Nissen) 85,291 bbls, 28,378,590 lbs, Osaka; 22,899 bbls, 7,625,370 lbs, Yokosuka; 54,500 bbls, 18,148,500 lbs, Frank G Drum, San Jose de Guatemala

FURNACE—500 bbls, 156,000 lbs, Mojave, Ketchikan

LEMON—760 lbs, Beranger, Havre; 9 bxs, 350 lbs, Silverash, Manila

LUBRICATING—65 bbls, 42 cs, Talisse, Sourabaya; 210 dms, 98 cs, 112,600 lbs, Mojave, Ketchikan; (Talisse) 81 cs, 63 bbls, Semarang; 4 bbls, 1,940 lbs, Medan; 171 cs, 81 bbls, 48,530 lbs, Batavia; 10 bbls, 4,660 lbs, Djambi, Al Khobar; 60 bbls, 29,100 lbs, Mariposa, Sydney

MOTOR—10 dms, 4,770 lbs, Talisse, Oosthaven

ORANGE—6 cs, 300 lbs, Mariposa, Sydney; (Delftdijk) 10 dms, 3,810 lbs, London; 6 dms, 2,280 lbs, Amersfoort

PECTIN, CITROUS—(Mariposa) 10 kegs, 1,000 lbs, Melbourne; 4 bbls, 800 lbs, Sydney

PETROLEUM, CRUDE—(Kiyo) 13,739 bbls, 4,286,570 lbs, Niigata; 27,487 bbls, 8,575,940 lbs, Tsuchizachi

POTASH MURIATE—1,507,720 lbs, Kansas, San Juan; 950 bgs, 190,000 lbs, Djambi, Cebu-Iloilo

ROSIN—22 dms, 8,800 lbs, Mariposa, Sydney

SILICATE—300 bgs, 31,360 lbs, Mariposa, Melbourne

SODA, ASH—500 bgs, 77,000 lbs, Talisse, Sourabaya; (Yamazuki) 600 bgs, 134,400 lbs, Sao Paulo; 1,323 bgs, 134,400 lbs, Santos; (Talisse) 500 bgs, 77,000 lbs, Sourabaya; 2,000 bgs, 224,000 lbs, Bombay; 600 bgs, 67,200 lbs, Djambi, Bombay; 1,689 bgs, 336,000 lbs, Toulouse, Shanghai

CARBONATE—22 sks, 2,200 lbs, Mariposa, Sydney

CAUSTIC—50 cs, 2,580 lbs, Silverash, Manila

SULPHITE—27 sks, 2,700 lbs, Mariposa, Sydney

TALC—500 bgs, 56,000 lbs, Djambi, Manila

TOILET PREPS—690 lbs, City of Athens, Hongkong; 340 lbs, Norden, Bogota; 640 lbs, Kansas, San Juan; (Djambi) 1,280 lbs, Singapore; 2,460 lbs, Sourabaya

Mobile Exports

Clearance Dates

Havelland, September 20; Koenigsberg, September 17; Lindvangen, September 12

DIPHENYL MONSANTO—2 bbls, Havelland, Kobe

OIL, PINE—10 dms, Havelland, Manila

ROSIN—187 dms, Koenigsberg, Hamburg

WOOD—1 dm, Lindvangen, Bridgetown

TOILET PREPS—2 bbls, Lindvangen, Georgetown

TURPENTINE, WOOD—12 dms, Lindvangen, Bridgetown; 10 dms, Havelland, Yokohama

New Orleans Exports

Clearance Dates

Baja California, August 12, 27; Blink, August 20; Cefalu, August 23; Chemnitz, August 13; Contessa, August 16, 30; Effingham, September 7; Gansfjord, September 2; Gylfe, September 21; Liberator, September 8; Lindvangen, August 2; September 10; Lysefjord, August 24; Nordvangen, August 27; Santa Marta, August 12, 30; Sinaloa, August 5; Sixaola, August 16, 26; Tegucigalpa, August 25; September 8; Toloa, August 9, 19; Ulua, September 2; Vestvangen, August 29; Vigrid, September 20

ASPHALT—150 dms, Contessa, Valparaiso; (Sixaola) 50 dms, Panama City; 1,200 dms, La Union; 143 sx, Vigrid, Gdynia

BAKING POWDER—1 ton, Cefalu, Colon; 100 ctns, Santa Marta, Puerto Cortez; 100 ctns, Gansfjord, Belize

BARIUM SULPHATE, GRD—1,000 sx, Lindvangen, Port of Spain

BARYTES—1,000 sx, Contessa, Havana

BLACK, CARBON—(Chemnitz) 120 cs, Hamburg-Bremen; 8 tons, Bremen-Hamburg transshipment; 15 cs, Sixaola, Valparaiso; 44 tons, Effingham, Glasgow

BLUE VITRIOL—20,000 sx, Baja California, Tela

CALCIMINE—5 tons, Toloa, Corinto

CATTLE DIP—25 dms, Tegucigalpa, Tampico

CHALK, WHITE—1 ton, Santa Marta, Puerto Cortez

CHROME SULPHATE—40 bbls, Tegucigalpa, Tampico

CLAY — 120 sx, Vestvangen, Willemstad; 27 tons, Effingham, Glasgow

GROUND—45 tons, Chemnitz, Hamburg; 100 sx, Lindvangen, Port of Spain; 27 tons, Effingham, Avonmouth

CORN SYRUP — (Effingham) 25 tons, Avonmouth; 83 tons, Dublin-Belfast; 268 tons, Glasgow

COTTONSEED HULL SHAVING PULP — 193 tons, Chemnitz, Hamburg

MEAL—100 tons, Effingham, Dublin

EPSOM SALT—1 ton, Tegucigalpa, Vera Cruz

FIRECLAY—2 tons, Toloa, Buenaventura; 261 sx, Blink, San Nicholas; 50 sx, Vestvangen, San Pedro de Macoris; 37 tons, Lysefjord, Puerto Colombia; 4 tons, Santa Marta, Buenaventura

FULLER'S EARTH — 500 sx, Tegucigalpa, Tampico

GASOLINE—100 bbls, Lysefjord, Kingston; 95 dms, Sinaloa, Bluefields; (Lindvangen) 60 dms, La Guaira; 30 dms, Moengo; (Vestvangen) 10 dms, Puerto Cabello; 100 dms, La Guaira; (Gansfjord) 100 dms, Livingston; 261 bbls, 300 cs, Puerto Barrios; 300 bbls, Puerto Cortez; 770 dms, 400 cs, Tela; 300 dms, Belize

GLUCOSE—15 bbls, Ulua, Panama City

GLYCERIN—1 ton, Tegucigalpa, Vera Cruz

GREASE, LUBRICATING — 9 dms, Santa Marta, Acajutla

GYPSUM—1 ton, Tegucigalpa, Vera Cruz

INK—26 dms, 6 kits, Toloa, Valparaiso; 6 dms, Cefalu, Buenaventura; 4 dms, Tegucigalpa, Tampico; 17 dms, Santa Marta, Havana; 4 dms, Sixaola, Havana; 5 tons, Ulua, Havana

KEROSENE—(Toloa) 375 cs, Puerto Limon; 5 dms, Puntarenas; 50 cs, Baja California, Bluefields; 100 cs, Lysefjord, Kingston; 100 cs, 10 dms, Sinaloa, Bluefields; (Contessa) 5 cs, Puerto Cabezas; 75 cs, 4 dms, Ceiba; 3,000 cs, Lindvangen, Ciudad Trujillo; 20 dms, Santa Marta, Santa Marta; 31 dms, 40 ctns, Sixaola, Puerto Limon; 250 cs, Nordvangen, Bridgetown; (Gansfjord) 150 dms, 150 cs, Belize; 50 dms, Puerto Barrios; 200 cs, Tela; 175 cs, Ulua, Puerto Limon

LARD—(Toloa) 25 tins, 7 crts, 600 dms, Havana; 850 tins, Panama; 1,250 cs, 600 tins, Puerto Limon; 100 tins, Corinto; 15 cs, 100 tins, Puntarenas; 500 tins, Puerto Colombia; (Lysefjord) 250 tins, 20 crts, 694 dms, Santiago; 3,500 tins, Puerto Colombia; 600 tins, Cefalu, Puntarenas; 200 tins, Lindvangen, Willemstad; (Santa Marta) 540 tins, 775 dms, Havana; 100 tins, Puerto Limon; 300 tins, 20 dms, Puerto Barrios; 300 tins, Puerto Armuelles; 50 crts, Buenaventura; 1,000 tins, Contessa, Panama; (Sixaola) 350 dms, 550 tins, Havana; 1,050 tins, Panama; 270 tins, Corozal; 5 tcs, Tumaco; 200 crts, 15 tcs, Callao; (Vestvangen) 810 tins, Port au Prince; 570 tins, 380 crts, Ciudad Trujillo; 230 tins, San Pedro de Macoris; 1,615 tins, La Guaira; 21 crts, 550 tins, Gansfjord, Belize; (Ulua) 950 dms, 440 tins, Havana; 1,000 tins, Puerto Limon; 100 tins, Puntarenas; 1,250 tins, Guayaquil; 25 crts, Lindvangen, Port of Spain; (Tegucigalpa) 3,450 tins, Tampico; 3,300 tins, Vera Cruz

SUBSTITUTE—1 ton, Sixaola, Porto Barrios

LEATHER DRESSING—4 tons, Tegucigalpa, Tampico

LICORICE MASS—1 ton, Tegucigalpa, Vera Cruz

LIME PHOSPHATE—10 bbls, Tegucigalpa, Tampico

MEDICINAL PREPS—18 cs, Vestvangen, La Guaira; 1 ton, Ulua, Colon

OIL, COOKING—2 tons, Sixaola, Puerto Barrios

CODLIVER—10 dms, Tegucigalpa, Tampico

CREOSOTE—10 dms, Contessa, Panama City

DIESEL—700 bbls, Vestvangen, Moengo

EDIBLE—18 dms, Sixaola, Havana

FUEL—60 dms, Baja California, Bluefields; (Contessa) 80,850 gls, 325 bbls, Puerto Cabezas; 3,900 bbls, Ceiba; 2,000 bbls, Cefalu, Ceiba; 200 dms, Santa Marta, Puerto Barrios; 900 bbls, Vestvangen, Moengo; 651 dms, Gansfjord, Belize

GAS—9,000 tons, Gylfe, Rotterdam; 25 dms, Gansfjord, Belize

LUBRICATING—15 dms, Baja California, Bluefields; 610 tons, Chemnitz, Hamburg; (Contessa) 28 dms, Puerto Cabezas; 9 dms, Ceiba; (Lindvangen) 17 dms, Puerto Cabello; 150 ctns, 25 dms, 75 crts, La Guaira; 96 dms, 50 crts, 105 ctns, Port of Spain; 63 dms, 55 crts, Blink, Maracaibo; (Santa Marta) 11 dms, Acajutla; 30 dms, Guayaquil; (Sixaola) 7 dms, 19 qtr dms, 5 cs, Havana; 4 dms, Mollendo; 6 dms, Manta; 5 dms, Iquique; 5 dms, Talcabuano; 28 dms, Valparaiso; 14 tons, Ulua, Havana; 44 tons, Effingham, Glasgow

PINE—7 dms, Toloa, Callao; 129 tons, Liberator, Hamburg

REFINED—100 cs, Sixaola, Puerto Limon; 500 cs, Gansfjord, Puerto Barrios; 300 cs, Ulua, Puerto Limon

PAINT—1 ton, Toloa, Corinto; 26 cs, Sinaloa, Bluefields; 88 ctns, Lindvangen, Port au Prince; (Blink) 40 ctns, Maracaibo; 33 cs, Oranjestad; 1 ton, Contessa, Buenaventura; 7 tons, Ulua, Amapala

PARAFFIN — 2,000 sx, Contessa, Valparaiso; 200 sx, Cefalu, Guayaquil; 100 sx, Santa Marta, Puerto Cortez; 1,762 sx, Tegucigalpa, Vera Cruz

PEPPER, BLACK—20 sx, Tegucigalpa, Tampico

PETROLATUM—89 tons, Chemnitz, Hamburg

PETROLEUM TREATING COMP — 400 dms, Lysefjord, Cartagena

PITCH—30 dms, Toloa, Puerto Colombia

ROSIN—6 tons, Chemnitz, Hamburg; (Toloa) 40 dms, Puerto Colombia; 10 dms, Mollendo; 150 dms, Cefalu, Talcahuano; 20 dms, Lindvangen, Willemstad; (Santa Marta) 10 dms, Puerto Limon; 30 bbls, Callao; 5 bbls, Contessa, Callao; 30 dms, Ulua, Puerto Colombia

GUM—75 dms, Toloa, Buenaventura; 100 bbls, Ulua, Puerto Colombia

WOOD—(Toloa) 100 dms, Panama; 25 dms, Puerto Limon; 25 dms, Cefalu, Panama; (Sixaola) 100 dms, Havana; 25 dms, Panama; 15 dms, Puerto Limon; 30 dms, Ulua, Puerto Limon; 458 dms, Contessa, Valparaiso

SALT—(Toloa) 15 tons, Puerto Barrios; 30 tons, Havana; 10 tons, Corinto; 2 tons, Baja California, Bluefields; (Cefalu) 30 tons, Havana; 2 tons, Puerto Cabezas; 10 cs, Lindvangen, Port au Prince; 25 tons, Santa Marta, Havana; 9 tons, Contessa, Puerto Cabezas; 112 tons, Sixaola, Havana; (Ulua) 50 tons, Havana; 27 tons, Cristobal

SHRIMP BRAN — 20 sx, Toloa, Cristobal; (Ulua) 20 sx, Cristobal; 133 sx, Panama

MEAL—15 sx, Sixaola, Cristobal

SODA, NITRATE—10 sx, Toloa, Cristobal

SULPHATE—26 bbls, Tegucigalpa, Tampico

SOLDER DROSS — 1 ton, Effingham, Avonmouth

SOYBEAN MEAL—375 sx, Nordvangen, Bridgetown

STARCH — (Effingham) 28 tons, Dublin; 332 tons, Glasgow

SULPHUR—(Tegucigalpa) 450 sx, Tampico; 967 sx, Vera Cruz

TANNING EXTRACT — 307 sx, Tegucigalpa, Vera Cruz

TOBACCO EXTRACT — 14 tons, Chemnitz, Bremen-Bremerhaven

TOILET PREPARATIONS—1 ton, Toloa, Panama; (Contessa) 1 ton, Panama City; 1 ton, Colon; 40 ctns, Blink, Maracaibo

TRIPOLI, PULV — 10 sx, Tegucigalpa, Vera Cruz

TURPENTINE—3 dms, Toloa, Havana; 5 dms, Contessa, Callao; 5 dms, Sixaola, Havana; 10 cs, Vestvangen, Willemstad

GUM—10 dms, Sixaola, Tela

WOOD—55 dms, Santa Marta, Havana

Norfolk Exports

Clearance Date

Greystoke Castle, September 15

SODA, CAUSTIC—(Greystoke Castle) 170 bxs, Hongkong; 429 dms, Manila

STARCH, CORN—1,210 bgs, Greystoke Castle, Manila

Philadelphia Exports

Clearance Dates

Cypria, September 17; Fernbrook, September 19; Gunvor, September 20; Koenigsberg, September 23; Port Sydney, September 20; Rhexenor, September 17; San Anselmo, September 19; Schodack, September 23; Tai Yang, September 21; Tiradentes, September 22; Waukegan, September 19

ALCOHOL—2 pkgs, Koenigsberg, Hamburg

BUTYL—(Port Sydney) 23 dms, Port Sydney, 6 dms, Melbourne

AMMONIA NITRATE—75 dms, Rhexenor, Batavia

ANTI-KNOCK COMP—1 dm, Cypria, Marseilles

BLACK BONE—(Port Sydney) 10 bgs, Melbourne; 30 bgs, Sydney

BLUE MECHANICS'—1 ctn, Schodack, Havre

BUTYL ACETATE — (Port Sydney) 60 dms, Sydney; 54 dms, Melbourne

BRISTLES—5 cs, Waukegan, Hamburg

CEMENT, FIBER—5 dms, Fernbrook, Bucharest

RUBBER—1 cs, Fernbrook, Bucharest; 1 pl, Tai Yang, Manila

CHEMICALS—1 bx, Port Sydney, Melbourne; 1 cyl, Koenigsberg, Hamburg; 15 pkgs, Tiradentes, Rotterdam

CLEANER—4 dms, Schodack, Havre

COALTAR INTERMEDIATES—8 dms, Fernbrook, Istanbul

COCOA CAKE—1,280 pkgs, Tiradentes, Amsterdam

CYANIDE—10 dms, Port Sydney, Melbourne

DICHLORODIFLUOROMETHANE — 4 cyls, Fernbrook, Alexandria; 25 cyls, Rhexenor, Singapore

DYES—50 pkgs, Koenigsberg, Hamburg

ETHYL ACETATE—50 dms, Port Sydney, Melbourne

FLUID — 350 dms, Waukegan, London; (Cypria) 40 dms, Sete; 20 dms, Port Louis du Rhone; 700 pkgs, Koenigsberg, Hamburg; (Schodack) 45 dms, Havre; 59 dms, Bordeaux

FIRE EXTINGUISHING COMP—40 dms, Port Sydney, Sydney

GLAZE—1 cs, Fernbrook, Bucharest

GREASE, LUBRICATING—(Cypria) 15 bbls, 10 dms, 40 cs, Lisbon; 12 dms, 35 bkts, 30 cs, Casablanca; (Rhexenor) 18 cs, 20 pkgs, Bangkok; 6 dms, Penang; 11 cs, Cheribon; 10 qtr dms, Sourabaya; (Port Sydney) 9 dms, 1 bbl, Sydney; 30 cs, Brisbane; 2 dms, Melbourne; 42 cs, 7 dms, Fremantle; (San Anselmo) 10 dms, Guayaquil; 8 cs, Barrabca Bermeja; 4 dms, Pereira; 3 dms, Tai Yang, Manila

INSECTICIDE, HOUSEHOLD—186 ctns, Rhexenor, Batavia

LACQUER—(Fernbrook) 20 kits, Piraeus; 21 kits, 2 bxs, Athens via Piraeus

LICORICE EXTRACT—30 dms, Waukegan, Hull

PASTE—325 cs, Waukegan, Hull; (Port Sydney) 10 cs, Sydney; 20 cs, Melbourne

POWDER—20 dms, Waukegan, Hull

LINSEED MEAL—(Gunvor) 120 bgs, St Kitts; 275 bgs, British Guiana; 1,394 bgs, Barbardos; 1,875 bgs, Trinidad; 5,730 pkgs, Tiradentes, Rotterdam

MEDICINAL PREPS—35 ctns, Cypria, Casablanca; (Tai Yang) 89 ctns, 37 bxs, Manila; 10 bxs, Shanghai

MINERAL SPTS—2 dms, 8 cs, San Anselmo, Valparaiso

OIL, LUBRICATING—(Fernbrook) 18 ctns, 22 dms, Alexandria; 4 dms, Bucharest; (Cypria) 2,249 ctns, 509 bbls, 149 dms, 714 cs, Lisbon; 110 bbls, 6 dms, 595 cs, Leixoes; 10 pkgs, Bissao; 15 pkgs, Cabinda; 20 pkgs, Mossamedes; 20 pkgs, Benguela; 10 pkgs, Oudja; 1,953 pkgs, 35 cs, 275 ctns, Casablanca; 14 pkgs, Gibraltar; 114 bbls, Marseilles; 135 pkgs, Haiphong; 4 pkgs, Tunis; (Rhexenor) 80 cs, 145 dms, Bangkok; 6 dms, 673 pkgs, Penang; 239 dms, 620 cs, Semarang; 965 pkgs, Singapore; 8 dms, 35 cs, 1,334 pkgs, Sourabaya; 157 pkgs, Menado; 257 pkgs, Macassar; 312 pkgs, Palembang; 195 pkgs, Padang; 60 pkgs, Sibolga; 227 pkgs, 25 cs, Medan; 1,895 pkgs, Batavia; 394 pkgs, Port Swettenham; 3 qtr dms, 11 dms, 12 cs, Cheribon; 20 pls, 9 dms, Sourabaya; (Port Sydney) 40 bbls, 100 pls, 5 cs, 10 qtr dms, 56 dms, Brisbane; 85 dms, 20 qtr dms, 150 pkgs, Sydney; 919 dms, 1 bx, 10 bbls, Melbourne; 71 dms, Adelaide; 418 dms, 1 cs, Fremantle; 10 dms, Townsville; 1 cs, 66 dms, 36 qtr dms, Fremantle; 465 dms, 1 bx, 1 crt, Sydney; 6 dms, Newcastle; (San Anselmo) 80 dms, 5 cs, Guayaquil; 10 dms, Arica; 85 dms, 4 cs, Valparaiso; 100 dms, Santiago; 4 bbls, Puerto Colombia; 11 dms, Barrabca Bermeja; 31 dms, Pereira; 577 dms, 109 cs, Tai Yang, Manila; 1,415 pkgs, Koenigsberg, Hamburg; 75 bbls, 50 ctns, Schodack, Havre

NEATSFOOT—58 pkgs, Koenigsberg, Hamburg

PAINT—7 dms, 2 cs, Fernbrook, Bucharest; 1 cs, Tai Yang, Manila

AUTO—63 ctns, Schodack, Havre

LIQUID — (Fernbrook) 23 ctns, 44 kits, Piraeus; 2 ctns, Athens; 52 kits, 3 ctns, Cypria, Lisbon; (Rhexenor) 15 ctns, Semarang; 17 ctns, 4 kits, 3 dms, Sourabaya

PRIMER—1 dm, Rhexenor, Sourabaya

PARAFFIN—(Cypria) 100 bgs, Lisbon; 1,400 bgs, Casablanca; 254 bgs, San Anselmo, Valparaiso; 980 pkgs, Koenigsberg, Hamburg

REFINED—(San Anselmo) 200 bgs, Chiclayo; 300 bgs, Guayaquil

SCALE—204 bgs, San Anselmo, Pimental

SEMI-REFINED—33 bgs, Cypria, Lisbon

PETROLATUM—18 dms, San Anselmo, Callao

POLISH, AUTO—6 ctns, Rhexenor, Sourabaya; 6 ctns, Schodack, Havre

PUTTY—3 kits, Fernbrook, Piraeus

RESIN, SYNTH—1 dm, 2 cs, Schodack, Havre

RUBBER COMPOUNDING AGENTS—6 dms, Rhexenor, Singapore; 1 dm, Port Sydney, Sydney

SPRING MIXTURE—1 bbl, San Anselmo, Puerto Colombia

SODA, HYDROSULPHITE—1 pl, Fernbrook, Istanbul

SURFACER, LIQUID—(Fernbrook) 2 kits, Piraeus; 1 kit, Athens

TANNING MATERIAL—(Port Sydney) 3 bbls, Brisbane; 21 bbls, Sydney; 9 bbls, Melbourne

TETRAETHYL LEAD—(Port Sydney) 3 dms, Brisbane; 8 dms, Sydney; 5 dms, Melbourne; 2 dms, Adelaide; 3 dms, Fremantle

VARNISH—2 kits, Rhexenor, Semarang; 2 bxs, Port Sydney, Melbourne

ZINC OXIDE—220 bgs, Tai Yang, Manila

Port Arthur Exports

Clearance Dates

Albert L Ellsworth, September 15; Barbro, September 19; Benedick, September 13; Davanger, September 16; Goslar, September 13; Harvester, September 15; Katrine Maersk, September 16; Nyholt, September 12; Nueva Granada, September 18; President Herrenschmidt, September 12; Regina, September 17; Solitaire, September 12; South America, September 15; Steel Trader, September 16

ASPHALT—5 bbls, Solitaire, Rouen; (Goslar) 100 dms, Brisbane; 3,392 dms, 2,711 bbls, Sydney; 1,587 dms, Melbourne; 1,500 dms, Adelaide

PETROLEUM—25 dms, Steel Trader, Colombo

BLENDING FLUID—19 bbls, Katrine Maersk, Bilbao

GASOLINE—(Goslar) 60 dms, Brisbane; 20 dms, Sydney; 80 dms, Melbourne; 30 dms, Adelaide; 7,989 bbls, Harvester, Cristobal; (South America) 34,870 bbls, 5 cs, Antwerp; 21,747 bbls, Hull; 10,000 cs, 3,000 bbls, 5,000 dms, Steel Trader, Jeddah; 66,175 bbls, Katrine Maersk, Bilbao; 44,191 bbls, Nueva Granada, Liverpool and Thameshaven

GREASE, LUBRICATING—260 bbls, 5 cs, Solitaire, Rouen; (Goslar) 156 dms, Brisbane; 13 dms, Sydney; 23 dms, Melbourne; 21 dms, Adelaide; 185 dms, 45 bbls, 100 cs, South America, Antwerp; (Steel Trader) 33 dms, 15 cs, Alexandria; 10 dms, 272 cs, Bombay; 130 dms, 32 cs, Colombo; 300 cs, Madras; 56 dms, Katrine Maersk, Bilbao

KEROSENE—35 dms, Solitaire, Rouen; 20 dms, Goslar, Adelaide; (South America) 2 cs, Antwerp; 3,285 bbls, Hull; (Steel Trader) 10 cs, Alexandria; 2,600 cs, Jeddah; 62 dms, 168 cs, Aden; 7,865 bbls, Nueva Granada, Liverpool-Thameshaven

OIL, DIESEL—3,064 bbls, Benedick, Bordeaux; 200 dms, Goslar, Brisbane; (South America) 14,179 bbls, Antwerp; 2,828 bbls, Hull; 42,306 bbls, Regina, Copenhagen; 8,044 bbls, Nueva Granada, Liverpool-Thameshaven; 22,361 bbls, Barbro, Stamsund-Tromso

LUBRICATING—(Solitaire) 7,897 bbls, Manchester; 5,034 bbls, Dagenham; 16,552 bbls, 200 dms, Rouen; (Goslar) 630 dms, Brisbane; 1,005 dms, Sydney; 573 dms, Melbourne; 790 dms, Adelaide; 85 dms, South America, Antwerp; 11,804 bbls, Regina, Copenhagen; (Steel Trader) 25 dms, 2 cs, Bombay; 10 cs, Alexandria

LUBRICATING, PALE—(Steel Trader) 60 dms, Alexandria; 10 dms, Aden; 1,445 dms, Bombay; 1,185 dms, 20 cs, Colombo; 90 dms, Calcutta

PAINT SOLVENT—150 dms, Goslar, Sydney; 10 dms, Steel Trader, Bombay

—Continued on page 62

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Six-hundred-thirteenth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ammonia

(Continued from September 26 issue)

Firefighting

Phosgene formation preventer (Brit. 319320) in—
Carbon tetrachloride fire-extinguishers

Starting point in making—
Ammonium phosphate and other salts used as fireproofing agents

Food

Extractant for—
Alkaloids of coffee
Bitter principles
Saponins
Sugar

Fumigant for—
Cheese storerooms (miticide)

Ingredient of antiseptic ice (Brit. 408696) for preserving—
Fish Vegetable
Fruit

Process material in—
Bakery and confectionery operations

Glue and Gelatin

Hydrolyzing agent for—
Gelatin Glue

Ink

Ingredient of—
Inks
Laundry marking inks

Starting point in making—
Ink preparations
Tannate and gallotannate and vanadate salts

Insecticide and Fungicide

Exterminant for—
Texas cotton root rot (sclerotia)

Leather

Ammoniating agent in making—
Mothproofing agents for pelts and furs
Protectives (polychlorocresols, polychloronaphthols, polychlorophenols) against parasites, molds, and red spots on hides

Curing agent in making—
Leather

Mold preventive in—
Tan liquors

Slime preventive in—
Tan liquors

Lubricant

Ammoniating agent in making—
Emulsifying or suspending agents for lubricants

Mechanical

Rust inhibitor for—
Idle steam boilers (reacts with the remaining moisture to form compounds which act as rustproofing agents)

Softening agent (with disodium phosphate) for—
Boiler feed waters (claimed to give a higher softening effect at a lesser cost than by using sodium carbonate and trisodium phosphate and to eliminate the undesirably high alkalinity of the water in the boiler and the acidity of the condensate)

Metallurgical

Annealing gas in—
Bright-annealing coldrolled strip metal (used in cracked form)

Case-hardening agent for—
Iron Steel

Corrosion-resistance augmenter for—
Aluminum and its alloys
Light metals and their alloys
Magnesium and its alloys

Decoppering agent for—
Iron

Denickeling agent for—
Iron

Nitriding agent for—
Steel

Solvent for metallic salts in making—
Electrolytes for electrolytic recovery of metals

Miscellaneous

Cleansing agent for—
Factory purposes
Household purposes

Ingredient of—
Coating solution for capsules, tablets, and the like (U.S. 1907203)
Sealing compositions (U.S. 1904445)

Remover of—
Tackiness of coating in oilskin manufacture (used in conjunction with shellac and water)

Reagent for—
Removing ink from printer paper by alternate treatments with oleic acid

Source of—
Hydrogen Nitrogen

Thawing agent for—
Frozen water pipes (a cylinder of ammonia is hooked up to taps; the heat generated by the dissolution of the ammonia and the rapid diffusion of the gas into the ice greatly assists the thawing)

Mining

Flotation reagent for—
Lead sulphide ores

Paint and Varnish

Ammoniating agent in making—
Mercury antifouling paints

Petroleum

Process material (U.S: 1899314) in—
Desulphurizing low-boiling point hydrocarbon oils

Purifying agent for—
Hydrocarbons

Source of—
Hydrogen Nitrogen

Temperature reaction controller (Brit. 444936) for—
Destructive hydrogenation treatments of carbonaceous materials

Pharmaceutical

In compounding and dispensing practice

Reagent in making—
Insulin

Photographic

Developing agent (Brit. 390616) in making—
Light-sensitive films for multicolor pictures

Reactant in—
Development of latent images

Solubilizing agent (U.S. 1901441) for—
Silver sulphate in making "dull emulsions"

Rayon

Buffer in—
Bleaching acetate rayon with hydrogen peroxide

Contamination restrainer (U.S. 1932789) in—
Desulphurizing of rayon in package form

Starting point in making—
Cuprammonium solutions in rayon manufacture

Refrigeration

Refrigerant

Resins

Accelerator in—
Phenol condensation process

Catalyst in making—
Urea-furfural resins

Process material in making—
Resins

Remover (U.S. 1900132) of—
Free fatty acids from natural resins

Rubber

Coagulation preventer (Brit. 393844) of—
Concentrated latex in making dispersions or emulsions of rubber latex

Extractant (U.S. 1931002) for—
Water-soluble material in rubber products

Improver (U.S. 1931002) of rubber's resistance to—
Electricity Water

Reactant (U.S. 1896054) in—
Coagulation of rubber latex

Viscosity promoter (Brit. 399394) in making—
Highly viscous rubber dispersions capable of being shaped, sprayed, or brush-applied (used with sodium silicate)

Soap

Alkali base in—
Ammonia soaps

Extractant for—
Saponins

Neutralizing agent for—
Acids

Reactant in making—
Amides of higher fatty acids (Brit. 406691)

Source of—
Hydrogen

Tobacco

Extractant for—
Nicotine

Textile

Coherence increaser (U.S. 1899513) for—
Silk filaments

Elasticity increaser (U.S. 1899513) for—
Silk filaments

Extractant for—
Saponins

Process material in—
Bleaching operations
Calico printing
Degumming processes
Desizing operations
Dyeing processes
Retting operations
Scouring processes
Waterproofing processes

Reagent (U.S. 1899513) for—
Cleansing raw silk in the cocoon

Water and Sanitation

Process material (U.S. 1892972) in—
Removing aldehydes and ketones

Water-purification agent

2:4′-Dihydroxy-3:3′-dimethylbenzophenone

Resins

Starting point (Brit. 417519 and 376839) in making—
Synthetic resins by condensing formaldehyde or other aldehydes in presence of an inorganic acid

---

Dipropyl Disulphide

Petroleum

Antioxidant and stabilizer (Brit. 462146) for—
Highly refined mineral oils
Lubricating oils which have been treated with sulphuric acid in the refining process
Viscous transformer oils

Fluoro-octadecyl Alcohol

Insecticide and Fungicide

Fungicide (Brit. 458179)
Insecticide (Brit. 458179)

Glyceryl Bisbromoacetate

Ceramic

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Solvent and plasticizer (U.S. 1947008) for—
Cellulose esters and ethers

Cosmetic

Plasticizer (U.S. 1947008) in—
Nail enamels and lacquers containing cellulose esters as base material

Electrical

Plasticizer (U.S. 1947008) in—
Insulating compositions, containing cellulose esters, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (U.S. 1947008) in—
Adhesives compositions containing cellulose esters or ethers

Leather

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (U.S. 1947008) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or ethers

Paper

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (U.S. 1947008) in making—
Films from cellulose esters or ethers

Plastics

Plasticizer (U.S. 1947008) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose esters or ethers

Resins

Plasticizer (U.S. 1947008) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating artificial and natural stone

Textile

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer (U.S. 1947008) in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

---

Lead-Piperidylpentamethylene Dithiocarbamate

Rubber

Accelerator in—
Vulcanizing processes

Toluenesulphonic Acid Anilide

Dye

Starting point (Brit. 447646) in making—
Diazotizable organic selenium compounds—

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 59 John Street, New York

Agencies Wanted

ESTABLISHED Cincinnati firm, covering part of Ohio and also Louisville, Kentucky, would be interested in representing producers of raw materials for the paper, soap, paint, rubber, ink or other industries. BOX 119, Oil, Paint and Drug Reporter.

SWITZERLAND—Active and well established firm, best references, would be interested in securing American agencies for the sale of chemicals, oils, waxes, solvents and similar raw materials. Prepared to buy for own account or on commission basis. BOX 123, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS.—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FROM PLANT liquidations—Four 6-foot diameter Buffalo vacuum crystallizers; jacketed agitator vacuum stills from 25 to 2,000 gals., glass lined and steel; storage tanks from 25 to 2,000 gals., glass lined and steel; 3 ft. x 15 ft. rotary vacuum dryer; Hardinge mill, 6 ft. x 36 in.; pebble and jar mills from laboratory to 250 gals. capacity; filter presses up to 36 in. square; Stedman 42-in. disintegrator; W. & P. jacketed mixer, size 15; tablet machine, ½ in. to 2 in., single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Offered

FOR SALE—Two 6x8 pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

TRUSTEE LIQUIDATING paint and chemical machinery. Offer drum cleaning machine, mixers for paints, powders, etc., all types, jacketed kettles, pumps, varnish kettle and truck, varnish cooking equipment, roller mill, powder packaging and weighing machine, kneading and mixing machines, label pasting machine, Hammer mill, tanks, grinder, laboratory centrifuge, stills, testing ovens, heaters, etc. Mimeograph machine. Write for prices and pictures. BOX 133, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, 9,000 sq. ft., two-story, high ceilings, elevator, both floors concrete, live steam available, railroad siding, yard. Unrestricted district, Newark, N. J. Low rent. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Investment Offered

PAINT, VARNISH and lacquer chemist has $4,000 and services to invest in small, well established, progressive manufacturing company. Technician thoroughly experienced and capable of directing laboratory or plant; formulates and manufactures. Location preferred, North Atlantic States. BOX 131, Oil, Paint and Drug Reporter.

Materials Offered

WE OFFER allyl alcohol 99%; ascorbic; galacturonic; levulonic; malonic; malic; myristic; pyruvic; sebacic acids; also ethyl malonate; rare sugars; arabinose; fucose glutathione; levulose; ribose; raffinose; trehalose; also tyrosine; leucine; glutamic acid; sodium glutamate in quantity. BOX 129, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED—Experienced lacquer salesman with New York following to join organization of an established manufacturer with full paint and lacquer line. Liberal compensation and guaranteed reward for results. State qualifications. BOX 127, Oil, Paint and Drug Reporter.

WANTED—Raw material salesman thoroughly acquainted with Philadelphia paint and varnish trade. Young man preferred, technical knowledge desired but not essential. BOX 128, Oil, Paint and Drug Reporter.

SALESMAN wanted with well established market for paint, varnish, lacquer products, who will form co-partnership with chemist thoroughly experienced in manufacturing. Object: start new venture, each partner making equal financial investment. Location, Northern New Jersey. BOX 130, Oil, Paint and Drug Reporter.

Positions Wanted

EXECUTIVE SALES manager, Philadelphian, seeks early connection with reliable manufacturer; hospitals, surgicals, pharmaceuticals, chemicals or allied products; Eastern States territory preferred. BOX 108, Oil, Paint and Drug Reporter.

Positions Wanted

PHYSICIANS DETAIL man—15 years' experience, with large following in New York City, wishes to contact responsible manufacturer. Will consider representation on part or full time basis, or will act as distributor. BOX 132, Oil, Paint and Drug Reporter.

PAINT and varnish chemist seeks position in progressive organization. Thoroughly experienced formulator in producing flats, glosses, enamels, specifications, paints and varnishes, synthetic industrial finishes. Will locate anywhere in United States. BOX 134, Oil, Paint and Drug Reporter.

Services Offered

PROCESSES developed. Products analyzed. Clarence P. Harris, 174 Madison avenue, New York, N. Y. LExington 2-7378.

CHEMISTS and chemical engineers—If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

FAITH . . .

— is the keystone of our business. Many of our customers buy without the formality of inspection — because they know that our used machinery* is Guaranteed Good. You may buy with confidence from "Consolidated."

CONSOLIDATED PRODUCTS CO., Inc.

15-17-19 Park Row, New York City BArclay 7-0600

Plant: Newark, N.J. Cable: EQUIPMENT N. Y.

See "Equipment Offered" above, for our Classified Listings.

Port Arthur Exports

—Continued from page 60

PARAFFIN—(Goslar) 150 cs, Brisbane; 100 cs, Sydney; 50 cs, Melbourne; 80 cs, Adelaide
PETROLEUM, CRUDE—94,097 bbls, Nyholt, Montreal; 100,971 bbls, 6 dms, Samples, President Herrenschmidt, Donges; 78,651 bbls, Benedick, Bordeaux; 93,631 bbls, Albert L Ellsworth, Montreal; 79,971 bbls, Davanger, Montreal

San Francisco Exports

Clearance Dates

Atago, September 4; Beranger, September 6; City of San Francisco, September 2; City of Norfolk, September 8; Cuba, September 3; Delftdijk, September 10; Deroche, September 6; Elyo, September 3; Erria, September 10; Hardanger, September 6; Kollgrin, September 7; Norden, September 3; Parrakoola, September 1; Providencia, September 7; San Pedro, September 3; Tachibana, September 5; Taiyo, September 8; Talisse, September 10; Thorsholm, September 8; W B Walker, September 7; Yamazuki, September 8

ACETONE—62 dms, Parrakoola, Australia
ACID, SULPHURIC—1 cs, Talisse, Babo
ALUMINUM PASTE—1 cs, Norden, El Salvador
AMYL XANTHATE—15 dms, San Pedro, Chile
APRICOT KERNELS—(Beranger) 10 sks, France; 20 sks, Belgium; 481 sks, Erria, Copenhagen; 400 sks, Delftdijk, Holland
ASPHALT—976 dms, Parrakoola, Australia; 180 bbls, Cuba, Peru; (Talisse) 355 dms, Sourabaya; 120 dms, Talisse, Samarang
CRUDE—300 sks, Parrakoola, Australia
BITUMEN, MINERAL—98 bbls, Delftdik, England
BLACK, CARBON—48 sks, Taiyo, Tokyo
BORAX—373 sks, Parrakoola, Australia; 20 kgs, Talisse, Sourabaya
BROMINE, LIQ—1 cs, Beranger, Holland
BRONZING LIQUID—1 cs, Norden, El Salvador
CASCARA SAGRADA BARK—138 sks, Parrakoola, Australia
CEMENT, FLOOR-COVERING—2 cs, Norden, Cuba
PIPE-FITTING—1 dm, Parrakoola, Australia
CHALK—2 cs, Talisse, Batavia
CHEMICAL COMP—20 dms, Parrakoola, Australia; 1 dm, Taiyo, Tokyo
CHLORINE BLEACH, LIQ—2 cs, City of Norfolk, Fort Davis
CINNAMON—150 bls, Cuba, Mexico
CLEANER—2 dms, Parrakoola, Australia
COALTAR—12 dms, Norden, El Salvador; 10 cs, Providencia, Santa Rosalia
COLOR, DRY—(Taiyo) 12 kgs, Osaka; 2 kgs, Yokohama; 5 bbls, Erria, Goteborg; 3 bbls, Cuba, Mexico
DRESSING, LEATHER—3 cs, Talisse, Batavia
DRUGS—(Talisse) 3 cs, Batavia; 2 cs, Padang; 36 cs, Madras; 74 cs, Bombay
EGG YOLK POWDER—2 bbls, City of Norfolk, Cristobal
FISHMEAL—20 sks, Cuba, Costa Rica
FLY SPRAY—35 cs, Talisse, Madras
GASOLINE—11,700 bbls, W B Walker, Sydney/Melbourne
CASING-HEAD—6,000 bbls, Thorsholm, Japan
GINGER ROOT—24 sks, Parrakoola, Australia
GLUCOSE—15 bbls, Talisse, Iloilo
GREASE—140 dms, Parrakoola, Australia
INFUSORIAL EARTH—672 sks, Parrakoola, Australia
KEROSENE—530 dms, Parrakoola, Australia; 50 cs, Cuba, Costa Rica; 78,419 bbls, Elyo, Dairen; 100,000 bbls, Kollgrim, Curacao; 967 bbls, W B Walker, Sydney/Melbourne
LACQUER—43 cs, Hardanger, Argentina; 2 cs, Taiyo, Tientsin
THINNER—30 pls, 14 cs, Yamazuki, Panama
LEAD, RED, DRY—30 kgs, Norden, El Salvador
WHITE—100 kgs, Talisse, Cebu
METHYL ISOBUTYL KETONE—1 cs, Parrakoola, Australia
MILK POWDER—400 bbls, Delftdijk, England
MINERAL SPTS—385 dms, Parrakoola, Australia; 370 dms, Cuba, Chile
MOTOR SPTS—(W B Walker) 11,268 bbls, Suva; 77,900 bbls, W B Walker, Sydney/Melbourne
OIL, AXLE—2,295 bbls, W B Walker, Sydney/Melbourne
BATCHING—2,243 dms, W B Walker, Sydney/Melbourne
CHINAWOOD—1 dm, Atago, Manzanillo; 27 dms, Hardanger, Argentina
COCONUT—25 dms, Cuba, Costa Rica
DIESEL—18,500 bbls, Deroche, Cristobal; 9,050 bbls, W B Walker, Suva
FLOTATION—1 cs, Parrakoola, Australia
FUEL—6 dms, Taiyo, Yokohama; 1 cs, Talisse, Bombay
GAS—(Talisse) 4,443 bbls, Manila; 4,052 bbls, Talisse, Opon
LINSEED—1 dm, Atago, Manzanillo
LUBRICATING—633 dms, Parrakoola, Australia; 15 dms, Cuba, Costa Rica; 2,298 bbls, W B Walker, Sydney/Melbourne; (Talisse) 19 cs, 5 dms, Sourabaya; 50 dms, Colombo; 153 dms, Madras; 710 dms, Bombay; 129 dms, 6 cs, Batavia; 40 dms, Samarang; 10 dms, Padang; 60 dms, Fremantle; 27 dms, Palembang
ORANGE, COLD PRESSED—3 cs, Taiyo, Tokyo
TANNING—5 bbls, Parrakoola, Australia
TRANSFORMER—1 cs, Parrakoola, Australia
PAINT—(Cuba) 2 cs, Peru; 157 cs, Colombia; 50 pls, Costa Rica; 8 dms, San Pedro, Chile; 20 dms, City of Norfolk, Havana; (Talisse) 20 pls, Batavia; 123 pls, 45 cs, 2 dms, Colombo
ENAMEL—68 cs, Hardanger, Argentina; 5 cs, Yamazuki, Panama
PASTE—15 cs, Hardanger, Argentina
THINNER—4 cs, Norden, El Salvador
PARAFFIN—300 sks, Cuba, Ecuador; 50 sks, Delftdijk, Ecuador
PEPPER, BLACK—15 sks, Cuba, Ecuador; 20 cs, San Pedro, Pimental
PETROLEUM—3 cs, Taiyo, Yokohama; (Talisse) 5 dms, Batavia; 5 dms, Padang
CRUDE—20,452 bbls, Tachibana, Moji/Yokohama; 94,000 bbls, Thorsholm, Japan
PRODUCTS—3 cs, Talisse, Madras
REFINED—4,469 bbls, W B Walker, Sydney/Melbourne
POLISH—1 cs, Yamazuki, Panama
POTASH XANTHATE—5 dms, Cuba, Chile; 50 dms, Norden, Cuba; 20 dms, Delftdijk, Peru
ROSIN—1 bbl, Taiyo, Yokohama
GUM—1 dm, Parrakoola, Australia; (Taiyo) 1 bbl, Osaka; 6 bbls, Taiyo, Yokohama
SALT—(Parrakoola) 100 cs, Australi; 100 cs, Port Adelaide
SESAME SEED—5 cs, Taiyo, Yokohama
SOAP—1 cs, Parrakoola, Australia
SOLDER, LIQ—1 cs, Talisse, Batavia
SOLVENT, PAINT—2 dms, Talisse, Sourabaya
SULPHUR FLOWERS—348 sks, Parrakoola, Australia
REFINED—75 sks, Parrakoola, Australia
TALLOW—175 dms, City of San Francisco, Panama City
TOILET PREPS—8 cs, Taiyo, Tokyo
VARNISH—3 cs, Norden, El Salvador; 21 cs, Hardanger, Argentina
YEAST—100 cs, Taiyo, Yokohama
ZINC DUST—44 cs, San Pedro, Chile; 1 bbl, Atago, Manzanillo; 70 cs, Delftdijk, Peru; (Talisse) 20 dms, Singapore; 137 dms, Talisse, Manila

Savannah Exports

Clearance Dates

Cingalese Prince, September 13; Nordnes, September 13; San Simeon, September 17; Tabian, September 24; Tatra, September 13

CLAY—700 bgs, Tatra, Hamburg
COTTON LINTERS—143 bls, Tatra, Hamburg
DEER TONGUE LEAVES — (Tatra) 22 lbs, Bremen; 7 bls, Rotterdam; 41 bls, Antwerp
GLUCOSE—15 bbls, Cingalese Prince, Manila
OIL, PINE—(Tabian) 4 dms, Padang; 10 dms, Sourabaya
ROSIN, GUM—(Cingalese Prince) 60 bbls, Manila; 350 bbls, Shanghai; 175 dms, Nordnes, London; (Tatra) 250 bbls, London; 643 bbls, Hamburg; 675 bbls, Rotterdam; 27 bbls, Antwerp; (San Simeon) 17 dms, Port Spain; 100 dms, Cartagena; 130 dms, Buenaventura; 50 dms, 100 bls, Medellin; 100 dms, Talcahuano; 466 dms, Valparaiso; 10 dms, Iquique; 82 bbls, 20 bgs, Callao; 42 dms, Pimentel; 27 bbls Ilo; (Tabian) 65 bbls, Penang; 56 bbls, Singapore; 400 bbls, Batavia; 50 bbls, Tjilstjap; 50 bbls, Pekalongan; 155 bbls, Cheribon; 500 bbls, Semarang; 250 bbls, Sourabaya
WOOD—(Tabian) 200 bbls, Batavia; 200 dms, Cheribon; 250 dms, Semarang; 70 dms, Cingalese Prince, Manila
TURPENTINE, GUM—(Tatra) 200 bbls, London; 280 bbls, Hamburg; 445 bbls, 114 dms, Rotterdam; (San Simeon) 115 dms, 300 cs, Valparaiso; 200 cs, Santiago; 150 cs, Callao; 80 cs, Pacasmayo; 10 cs, 3 dms, Tabian, Singapore; 25 cs, San Simeon, Concepcion.

GUARANTEED

NEW AND REBUILT EQUIPMENT

FOR THE CHEMICAL AND PROCESS INDUSTRIES

FIRST MACHINERY CORP.

419 Lafayette St. New York, N.Y.

F M C LIQUIDATORS APPRAISERS

Cable: EFFEMCY

Tampa Exports

Clearance Dates

Bockenheim, September 20; Mount Dirfys, September 12; Sally, September 10; W M Delphia, September 14

GASOLINE—1 dm, Sally, Belize; 15 dms, W M Delphia, Belize
KEROSENE—2 dms, W M Delphia, Belize
OIL, LUBRICATING—3 dms, W M Delphia, Belize
PHOSPHATE—9,171 tons, Mount Dirfys, Pernis; 3,003 tons, Bockenheim, Hamburg-Harburg

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—89,036 bbls, Christy Payne, Baytown; 36,681 bbls, Yorba Linda, Albany, N Y
OIL, GAS—43,381 bbls, Dixiana, Cartaret, N J; 31,338 bbls, Chiloil, New York; 78,757 bbls, Swiftsure, Sewaren, N J
PETROLEUM, CRUDE—21,904 bbls, Teddy, Flushing; 32,144 bbls, Federal, Houston; 73,720 bbls, Nevada, Port Arthur; 56,135 bbls, Alabama, Port Neches; 48,347 bbls, Thermo, Texas City; 91,091 bbls, R W Gallagher, Baytown; 140,384 bbls, Charles G Black, Baytown; 56,663 bbls, Paco, Texas City; 25,663 bbls, Firm, Baytown; 113,790 bbls, H H Rogers, Baytown; (Dannendaike) 42,125 bbls, Baytown; 96,064 bbls, Texas City

Los Angeles Coast Trade

GASOLINE—10,373 bbls, Edwin B de Golia, Tacoma; 4,969 bbls, San Diegan, San Diego; 73,518 bbls, Dirigo, San Francisco; 7,304 bbls, Emidio, Seattle; 60,973 bbls, Mojave, Seattle; 72,136 bbls, Huguenot, San Francisco; 4,929 bbls, San Diegan, San Diego; 79,000 bbls, Baldbutte, Seattle; 10,874 bbls, Tejon, Portland
KEROSENE, DISTILLATE—7,000 bbls, Edwin B de Golia, Tacoma
OIL, DIESEL—6,908 bbls, Edwin B de Golia, Tacoma; 6,638 bbls, Mojave, Seattle; 8,713 bbls, Huguenot, San Francisco; 1,500 bbls, San Diegan, San Diego; 40,006 bbls, La Placentia, Port San Luis
FUEL—63,700 bbls, Baldhill, Martinez; 70,500 bbls, Pat Dohony, Martinez; 50,975 bbls, Topila, San Francisco; 2,335 bbls, Coast Shipper, Portland; 50,704 bbls, Emidio, Seattle; 9,072 bbls, Mojave, Seattle; 69,000 bbls, Antietam, Martinez; 57,763 bbls, Tejon, Portland; 2,000 bbls, Scotia, Eureka; 55,742 bbls, Neches, San Diego
FURNACE—5,506 bbls, Edwin B de Golia, Tacoma; 550 bbls, Mojave, Seattle

Index to Advertisements

Advance Solvents & Chemical Corp.. —
Alexander, Jerome..... 50
American Agricultural Chemical Co.... 1
American-British Chem. Supplies, Inc. —
American Can Co..... —
American Cyanamid & Chem. Corp.... —
American Flange & Mfg. Co..... —
American Potash & Chemical Corp.... —
Anderson-Prichard Oil Corp..... —
Ansbacher-Siegel Corp..... 37
Apex Chemical Co., Inc..... 44
Ashcraft Wilkinson Co..... 24
Atlantic Refining Co..... —
Atlantic Research Products, Inc..... —
Atlas Powder Co..... —

Barium Reduction Corp..... 26
Barrett Company..... 28, 55
Barsky & Strauss, Inc..... 50
Benzol Products Co..... 47
Binney & Smith Co..... 9
Bradley, A. J., Mfg. Co..... 37
Brode Corp., The..... 40
Brown, Leland Laboratories..... 50
Bureau of Chemistry..... 50
Bush, W. J., & Co., Inc..... —

Calco Chemical Co..... 37
California Fruit Growers Exchange.... 63
Calvert, Robert..... 50
Carbide & Carbon Chemicals Corp.... 2
Carey, The Phillip, Co..... 44
Carpinello, Michael J., Inc..... 50
Chemical Solvents, C. P., Inc..... 64
Church & Dwight Co..... 64
Clarendon Refining Co..... 53
Colledge, E. W., Gen. Sales Agent, Inc. —
Colton, Arthur, Co..... 35
Columbia Alkali Corp..... —
Columbian Carbon Co..... —
Conewango Refining Co..... —
Consolidated Products Co., Inc..... 63
Continental Can Co..... —
Continental Carbon Co..... 32, 33
Cooper, Chas., & Co..... —
Cooper, T. G., & Co., Inc..... 40
Crosby Naval Stores Co..... —

Darling & Co..... —
Day Chemical Co..... 50
Deep Rock Oil Corp..... —
Dewey & Almy Chemical Co..... —
Diamond Alkali Co..... 25
Dicalite Co..... —
Dodge & Olcott Co..... —
Doggett, Stanley, Inc..... —
Dow Chemical Co..... 46
Draper Mfg. Co..... 64
Dunkel, Paul A., & Co., Inc..... 49
Du Pont de Nemours, E. I., & Co.....1, 47

Eastman Kodak Co..... —
Electrical Testing Labs..... 50
Electro Bleaching Gas Co..... —
Ellis-Foster Co..... 50
Emery Industries, Inc..... —
Export & Manufacturers Translation Bureau 50

Fezandie & Sperrle..... 31
First Machinery Corp..... 62
Fluorine Products..... —
Food Research Laboratories, Inc..... 50
Frank-Vliet Co..... —
Franks Chemical Products Co..... —
Freeport Sulphur Co..... —
Fritzsche Bros., Inc..... 51, 53
Fulton Bag & Cotton Mills..... —

Gable, Howard S., Co..... —
General Drug Co..... 52
General Dyestuff Corp..... —
General Electric Co..... —
Gesell, R., & Co., Inc..... —
Givaudan-Delawanna, Inc..... —
Glyco Products Co..... —
Goodman, Rex, M. D..... 50
Gray, William S., & Co..... 1
Gray Industrial Laboratories..... 50
Greeff, R. W., & Co., Inc..... 43
Gross, A., & Co..... 39
Gruman, J. B., & Co..... 57

Hardesty, W. C., Co., Inc..... 39
Harshaw Chemical Co..... —
Heekin Can Co..... —
Heyden Chemical Corp..... 43
Hinde & Dauch Paper Co..... —
Hochstadter Laboratories..... 50
Holt, C. J., & Co., Inc..... 50
Hopkins, J. L., & Co..... 49
Huisking, Chas. L., & Co., Inc..... —
Hutchinson, D. W., & Co., Inc..... 51

Imperial Oil & Gas Products Corp... 34
Imperial Paper & Color Corp..... 35
Independent Mfg. Co..... —
Industrial Chemical Sales Div..... 39
Industrial Consulting Labs., Inc..... 50
Innis Speiden & Co..... 54
International Pulp Co..... —
International Selling Corp..... —
International Vitamin Corp..... 42
Irvington Smelting & Refining Works.. 24

Jackson, L. N., Co., Inc..... 40
Jones & Laughlin Steel Corp..... 29
Jungmann & Co., Inc..... 27

Kellogg, Spencer, & Sons, Inc..... —
Kentucky Color & Chemical Co..... 37
Kessler Chemical Corp..... —
Knight, B. H..... 50
Koppers Co..... 29
Koster Keunen..... —
Krebs Pigment & Color Corp..... 38

Laning, E. M., & Co., Inc..... 50
LaWall & Harrisson..... 50
Lewis, John D., Inc..... —
Lueders, Geo., & Co..... 51

Magnetic Pigment Co..... 9
Magnus, Mabee & Reynard, Inc..... 51
Mallinckrodt Chemical Works..... 6
Manion Steel Barrel Co..... 34
Martens, Johan C., & Co..... 44
Mathieson Alkali Works, Inc..... —
Mathieu, A. H., & Co..... 24
Merck & Co..... 45
Metasap Chemical Co..... 35
Miel, George A..... 50
Minnesota Specialty Co..... —
Molnar Laboratories..... 50
Monsanto Chemical Co..... —
Munch, James, Co..... 50
Mutual Chemical Co. of America..... 31

National Aniline & Chemical Co., Inc.. —
National Lead Co..... —
National Milk Sugar Co., Inc..... 47
National Oil Products Co..... —
National Rosin Oil & Size Co..... 37
Natural Products Refining Co..... 31
Neuberg, William, Inc..... 44
Neville Co..... 30
New Jersey Zinc Co..... 36
New York Quinine & Chemical Works, Inc. 12
Niacet Chemicals Corp..... 34
Niagara Alkali Co..... —
N. V. Potash Export My, Inc..... —

Oldbury Electro Chemical Co..... 26
Orbis Products Corp..... 49
Orthmann Laboratories, Inc..... 50
Osborn, C. J., Co..... 37

Pacific Coast Borax Co..... 1
Pacific Vegetable Oil Corp..... —
Paramet Chemical Corp..... —
Parsons, M. W..... 37
Pease Laboratories, Inc..... 50
Penick, S. B., & Co..... 48
Pennsylvania Coal Products Co..... 47
Pennsylvania Oil Products Refining Co. —
Pennsylvania Refining Co..... 52
Pennsylvania Salt Mfg. Co..... —
Pfaltz & Bauer, Inc..... —
Pfizer, Chas., & Co., Inc..... 23
Phelps-Dodge Refining Corp..... —
Polachek, Z. H..... 50
Potash Company of America..... —
Pressed Steel Tank Co..... —
Prior Chemical Corp..... 1
Procter & Gamble..... 39, 44
Publicker Commercial Alcohol Co..... —
Purdy, W. S., Co., Inc..... 50
Pure Calcium Products Division..... —

Quaker Oats Co..... —

Reilly Tar & Chemical Corp..... —
Resinous Products & Chemical Co..... 11
Rosenthal, H. H., Co., Inc..... 44
Royster Chemical Works..... 26
Ryland, H. C., Inc..... 51

Sadtler, Samuel P., Sons, Inc..... 50
St. Joseph Lead Co..... —
Schimmel & Co., Inc..... 49
Schofield-Donald Co., Inc..... —
Schwabacher, S., & Co., Inc..... 44
Schwarz Laboratories, Inc..... 50
Seil, Putt & Rusby, Inc..... 50
Sharples Solvents Corp..... —
Shell Petroleum Co., Inc..... 17
Sherka Chemical Co., Inc..... 47
Sherwood Petroleum Co., Inc..... 53
Skelly Oil Co..... —
Slomon, Ira I..... 50
Smith, Kline & French Laboratories.. —
Snell, Foster D., Inc..... 50
Solvay Sales Corp..... 26
Sonneborn, L., Sons, Inc..... 64
Southern Pine Chemical Co..... 44
Standard Ultramarine Co..... 37
Starlight Refining Co..... —
Stauffer Chemical Co..... 24
Stechert, G. E., & Co..... 47
Stillwell & Gladding..... 50
Stroock & Wittenberg Corp..... —
Sun Oil Co..... —

Taintor Trading Co..... —
Tamms Silica Co..... —
Tar & Chemical Div. of Koppers Co.. 29
Tennessee Corp..... 26
Texas Gulf Sulphur Co., Inc..... —
Thornton, The F. C., Co., Inc..... —
Thurston & Braidich..... 49
Titanium Pigment Corp..... —
Todd, A. M., Co..... 52
Turner, Joseph, & Co..... 24

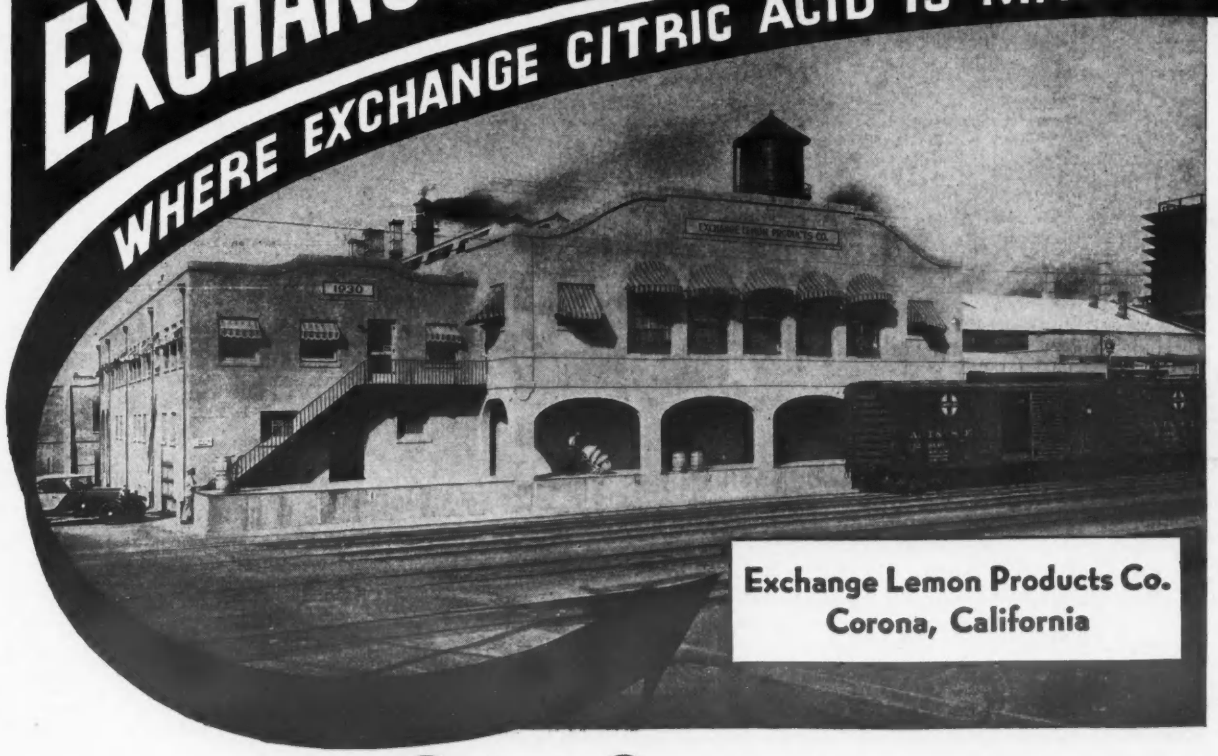
Union Carbide & Carbon Corp..... 2
U. S. Industrial Alcohol Co..... —
U. S. Industrial Chemical Co..... —
U. S. Phosphoric Products Corp..... 26
United States Potash Co..... 55

Vanderbilt, R. T., Co..... —
Victor Chemical Works..... 27
Viking Distributing Co..... —
Vitamerican Oil Co., Inc..... —
Vorce, L. D..... 50

Wah Chang Trading Corp..... 40
Wecoline Products, Inc..... 40
Weiss & Downs, Inc..... 50
Wheeling Corrugating Co..... —
White Tar Co. of N. J., Inc..... 29
Wiley & Co., Inc..... 50
Will & Baumer Candle Co..... —
Williams, C. K., & Co..... —
Wilson & Bennett Mfg. Co..... 54
Wishnick-Tumpeer, Inc..... 8
Woburn Degreasing Co. of N. J..... —
Wolf, Jacques, & Co..... 51
Wood Preserving Corp..... 29

EXCHANGE CITRIC ACID U.S.P.

WHERE EXCHANGE CITRIC ACID IS MADE



EXCHANGE Citric Acid U.S.P. is made by the Exchange Lemon Products Company of Corona, Calif. Backed by the Sunkist group of 13,500 citrus growers—largest in the world. Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

Products Department

CALIFORNIA FRUIT GROWERS EXCHANGE

ONTARIO, CALIFORNIA

189 W. Madison Street, Chicago, Illinois

99 Hudson Street, New York, N.Y.

Exchange

CITRIC ACID U. S. P.

METHANOL (all grades) METHYL ACETONE
CHEMICAL SOLVENTS
Incorporated
11 Park Place Telephone BArclay 7-8615-6-7 New York

WHITE OIL and PETROLATUM
FOR ALL PHARMACEUTICAL, COSMETIC and INDUSTRIAL PURPOSES
L. SONNEBORN SONS, INC.
Refiners of White Oil and Petrolatum — Refineries: Petrolia and Franklin, Pa.
New York 88 Lexington Avenue
Los Angeles 215 West 5th Street
Chicago 400 West Madison Street
Southwestern Distributors: Sonneborn Bros., 2111 Taylor St., Dallas, Tex.

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

SODIUM SILICOFLUORIDE:
You get your money's worth when you buy this ISCO item. Barrels, 276 lbs. net, are constructed with interlocking tongue and groove staves, siftproof and without need of interliners.

RED PRUSSIATE OF POTASH:
Prime, bold crystals, 99/100% pure, packed in handy kegs, approximately 110 lbs.

CHLORATE OF POTASH:
99/100% pure prime quality. Convenient 112 lb. packages.
Stocks maintained in both Western and Eastern warehouses.

IRISH MOSS:
Why not get in touch with us on this. We are first hands, and carry substantial stocks of the Stringed or Whole and Powdered forms—bales and bags.

EPSOM SALTS:
Make ISCO your source of supply. We have both Domestic and Imported products. Technical and U. S. P. Spot stocks at warehouses conveniently located.

SULPHATE OF SODA:
Small or large orders invited—for shipment from our various stock points. Barrels or bags.

ZINC CHLORIDE:
Exceptionally high grade Granular material, as well as Powdered. Stocks at strategic points enable us to give prompt and efficient service.

INNIS, SPEIDEN & CO.
Manufacturers and Importers
117 Liberty Street New York
BOSTON · PHILADELPHIA · CLEVELAND · CHICAGO
GLOVERSVILLE, N. Y.
FACTORIES: JERSEY CITY, N. J., NIAGARA FALLS, N. Y.

DRAPER
STEEL BARRELS and DRUMS

A well earned reputation among the nation's leading shippers

PUT YOUR SHIPPING CONTAINER PROBLEMS UP TO US
WRITE, PHONE OR WIRE

"What the Shipper Puts In the Customer Takes Out"

THE DRAPER MANUFACTURING CO.
CLEVELAND, OHIO
Factory and Main Office East 91st Street and Crane Ave. Cleveland, Ohio Telephone Michigan 2000
Philadelphia Office 514 Atlantic Building, 260 South Broad Street Philadelphia, Pa. Telephone Kingsley 3459
New York Office Room 1511, No. 11 Broadway New York, N. Y. Telephone Digby 4-3952